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**i-power**®  
A division of Interconnect Solutions

**Technology You Can Rely On**



**Uninterrupted  
Power Supply**

**UPS**  
PRODUCT GUIDE  
High Quality Power Backup Solutions

[i-sol.co.uk](http://i-sol.co.uk)



INTERCONNECT SOLUTIONS®

Throughout the years, Interconnect solutions has evolved and grown to be the preferred network & power solutions provider for various industries. Since its birth in the year 2005, headquartered in the UK, Interconnect Solutions has managed to position itself as an industry expert in the field of network infrastructure (Copper, Fibre, RF/wireless network) & power backup solutions.

Interconnect Solutions has always stayed true to its commitment to deliver excellent quality products and services. Interconnect Solutions is driven by a team of experts, who ensure that the latest innovations and manufacturing processes are implemented so that it can exceed in meeting standards of the highest quality and performance.

At Interconnect Solutions, we are known for our ability to anticipate the demand of future markets with progressive research & development. We continuously monitor and interpret the industry trends so that we can meet the ever-changing needs of the market.

[www.i-sol.co.uk](http://www.i-sol.co.uk)



i-power is the power division of Interconnect Solutions Ltd., which deals in AC and DC power backup solutions. i-power is globally recognised for delivering high quality, high performance, and reliable products. i-power's power backup solutions are based on reliable architectures that make sure your critical applications are supported by state-of-the-art power backup systems, which are ready to take control and take over at the first sign of trouble.

The power backup solutions by i-power contain a variety of technologies, from traditional designs to our leading range of modular products that allow protection systems to be added to the module by module, as and when required. Our products are manufactured in state-of-the-art facilities which follow the highest international standards.

We stock a comprehensive range of products for every conceivable application. All product types illustrated are considered as standard items are available for delivery. We have an experienced and dedicated team of people available, who are willing to assist and advise. Furthermore, our business policy of continuing investment in the best available product technology, product handling, warehouse management, and delivery procedures, enables us to guarantee an extremely high-quality product as well as high-quality service to all our customers.

We welcome inquiries from customers worldwide. Our export services are reliable and highly efficient with the ability to ship the products safely by sea or air to any desired destination across the globe.

**For inquiries email us at [sales@i-sol.co.uk](mailto:sales@i-sol.co.uk)**

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# Distinguishing Features

## High Quality Performance

Utilizing robust design and premium components, our power backup solutions deliver exceptional efficiency, resulting in substantial energy savings.

## Advanced Technology

Our advanced technology ensures superior power supply quality and maximizes energy efficiency.

## High Quality Batteries

Our i-power power backup solutions come equipped with top-of-the-line batteries known for their superior quality.

## High Reliability

Through meticulous sizing of power stages and rigorous unit testing, we guarantee exceptional reliability in every product.

## Services

i-power provides a complete range of services to meet the demands of our customers



# i-power UPS

# Optimal Power Backup

i-power provides an extensive range of power solutions meticulously crafted to safeguard sensitive electronic equipment and crucial data from potential harm. Our power backup solutions comprehensively tackle all nine prevalent power issues, as illustrated below using intuitive graphic symbols.

1

### Power Failure

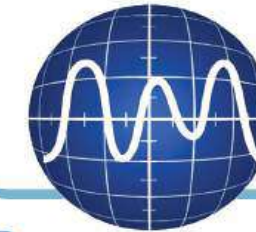
Known to be the most common problem, typically caused by a lightning strike or a fault with the power company's equipment. Without i-power UPS system, a power failure will cause a hard shutdown, putting vital data at risk.



2

### Voltage Sag

Voltage sag is voltage reduction for a short period of time. Voltage sags are known to crash equipment and damage hardware.



3

### Voltage Surge

High voltage observed in short periods, known to cause data loss and/or hardware damage.



4

### Undervoltage

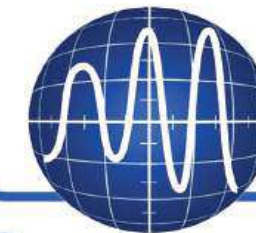
Commonly referred to as a 'blowout,' this voltage drop often persists for a few minutes to a few hours, typically triggered by excessive demand or deliberate electricity throttling during peak usage periods.



5

### Overvoltage

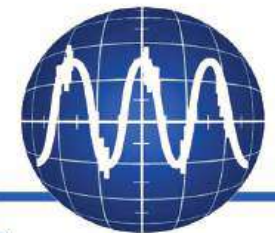
The consequences of these momentary voltage increases, including data loss, screen flickering, and equipment damage, are often attributed to the starting and stopping of heavy loads, inadequately sized power sources, and poorly regulated transformers.



6

### Line Noise

Electromagnetic interference or improper grounding most often produce these superimposed high frequency signals on the waveform, resulting in disturbances to sensitive electronic equipment.



7

### Frequency Variation

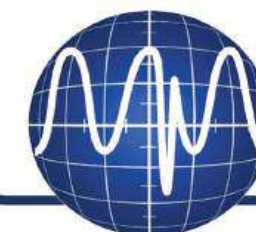
The destabilization of a power supply's standard frequency of 50Hz or 60Hz commonly stems from heavily loaded generators. This issue can cause motors to operate at varying speeds, resulting in inefficiency, increased heat generation.



8

### Switching Transient

These transient fluctuations in voltage or current, which pose a risk of damaging equipment, originate from various sources such as lightning strikes, switching of loads, capacitor banks, the opening and closing of disconnects on energized lines.



9

### Harmonic Distortion

The distortion of the standard power waveform typically occurs due to unequal loads and can lead to resonance, overload, overheating of cables, and equipment malfunction, among other issues.





## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- High Output Power Factor
- ECO Function
- Efficiency up to 95% & 98.5%
- EPO Function
- Online Double Conversion

The i-power T-4001 series is a dependable true online double conversion UPS, ensuring your critical equipment receives stable sine wave power. With remarkable features like an output power factor up to 1 and an overall efficiency exceeding 95%, it stands out for its reliability and energy-saving green power system. Versatile, high-quality, and competitively priced, this UPS is engineered to manage a broad voltage range and handle unpredictable power conditions. Utilizing advanced 3-level inverter technology, the T-4001 series guarantees a secure power supply tailored for mission-critical applications.

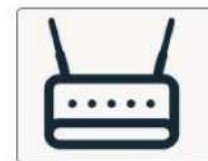


# T-4001

## 1-PHASE (1PF)

## 1kVA - 10kVA

## APPLICATIONS



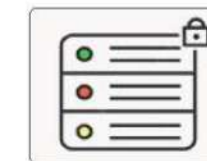
Computer Equipment



Telecom



Office



Networking Equipment

## TECHNICAL SPECIFICATION

|                            |                                                                                                                                                                                                                                                      |               |               |               |               |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|
| Order Code                 | OH1001T10300S                                                                                                                                                                                                                                        | OH1002T10600S | OH1003T10800S | OH1006T11600S | OH1010T11600S |
| Capacity                   | 1KVA/1KW                                                                                                                                                                                                                                             | 2KVA/2KW      | 3KVA/3KW      | 6KVA/6KW      | 10KVA/10KW    |
| UPS Structure              | Online Double Conversion - Tower Type                                                                                                                                                                                                                |               |               |               |               |
| Topology                   | High Frequency, Transformer Less                                                                                                                                                                                                                     |               |               |               |               |
| Overall Efficiency (AC-AC) | >95% (98.5% under ECO mode)                                                                                                                                                                                                                          |               |               |               |               |
| Noise (In 2 metres)        | <50dB                                                                                                                                                                                                                                                |               |               |               |               |
| Working Temperature        | -10°C to 40°C                                                                                                                                                                                                                                        |               |               |               |               |
| Storage Temperature        | -15°C to 60° (Without Batteries)                                                                                                                                                                                                                     |               |               |               |               |
| Humidity                   | <20 - 95% Non-Condensing                                                                                                                                                                                                                             |               |               |               |               |
| Standards & Certification  | EN IEC 62040-1:2019+A1:2023, EN IEC 62040-2:2018 EN IEC 61000-3-2:2019+A2:2024<br>EN 61000-3-3:2022+A2:2021 IEC 62321-3-1: 2013 IEC 62321-2-2013 +AMD1:2017 IEC 62321-5:2013 IEC 62321-6:2015 IEC 62321-7-1:2015 IEC 62321-7-2:2017 IEC 62321-8:2017 |               |               |               |               |
| Protections                | Overload, Short-Circuit, Over Temp., Utility Power Voltage High/Low, BAT Voltage High/Low                                                                                                                                                            |               |               |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                                                                                                                                                                      |               |               |               |               |
| Input Voltage Range        | 110-300Vac at 50% load, 176-276Vac at 100% loads (±5V)                                                                                                                                                                                               |               |               |               |               |
| Input Frequency Range      | 44~50Hz or 54Hz~66Hz ±10Hz (adjustable)                                                                                                                                                                                                              |               |               |               |               |
| OUTPUT SPECIFICATION       |                                                                                                                                                                                                                                                      |               |               |               |               |
| Output Voltage             | 220Vac (208/220/230/240Vac available)                                                                                                                                                                                                                |               |               |               |               |
| Output Power Factor        | 1                                                                                                                                                                                                                                                    |               |               |               |               |
| Output Waveform            | Pure sine wave                                                                                                                                                                                                                                       |               |               |               |               |
| Inverter Efficiency        | >95%                                                                                                                                                                                                                                                 |               |               |               |               |
| BATTERY SPECIFICATION      |                                                                                                                                                                                                                                                      |               |               |               |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                                                                                                                                                                                    |               |               |               |               |
| VDC-Ah                     | 36 VDC                                                                                                                                                                                                                                               | 72 VDC        | 96 VDC        | 192/240 VDC   |               |
| COMMUNICATION              |                                                                                                                                                                                                                                                      |               |               |               |               |
| Remote Software            | Multi-functional Monitoring System, Online and BAT Mode<br>Status, utility fault, BAT Fault, Remote Control                                                                                                                                          |               |               |               |               |
| Std. Communication Port    | Std. RS232/EPO;SNMP/485/dry contact (optional)                                                                                                                                                                                                       |               |               |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                                                                                                                                                                      |               |               |               |               |
| Dimensions (D×W×H) mm      | 144x282x214                                                                                                                                                                                                                                          | 144x397x214   | 190x421x318   | 190x360x335   |               |
| Net Weight (Kg)            | 5                                                                                                                                                                                                                                                    | 7             | 7.5           | 10            | 10.5          |



## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- 5th Generation IGBT Inverter Technology
- High Output Power Factor
- Advanced Communications
- Online Double Conversion
- Generator Compatibility

The i-power T-4001 series stands as a reliable choice for safeguarding your critical equipment with stable sine wave power, thanks to its true online double conversion UPS capability. Boasting impressive features, such as an output power factor reaching up to 0.8/0.9 and a remarkable AC-AC efficiency of up to 90%, it ensures consistent performance. During ECO mode, depending on the model, efficiency can soar to 96-97%, offering substantial energy savings. Versatile, high-quality, and competitively priced, the T-4001 series is designed to tackle wide voltage ranges and unpredictable power conditions, making it an ideal solution for mission-critical applications.

# T-4001

## 1-PHASE

## 1kVA - 10kVA

## APPLICATIONS



Computer Equipment



Telecom



Office

## TECHNICAL SPECIFICATION

|                            |                                                                                                 |               |               |                           |               |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|---------------------------|---------------|
| Order Code                 | OH1001T80207S                                                                                   | OH1002T80407S | OH1003T80607S | OH1006T91607S             | OH1010T91607S |
| Capacity                   | 1KVA / 0.8KW                                                                                    | 2KVA / 1.6KW  | 3KVA / 2.4KW  | 6KVA / 5.4KW              | 10KVA / 9KW   |
| UPS Structure              | Online Double Conversion - Tower Type                                                           |               |               |                           |               |
| Topology                   | High Frequency, Transformer Less                                                                |               |               |                           |               |
| Overall Efficiency (AC-AC) | >90% (96-97% in ECO Mode)                                                                       |               |               |                           |               |
| Noise (In 2 metres)        | <55dB                                                                                           |               |               |                           |               |
| Working Temperature        | 0°C to 40°C                                                                                     |               |               |                           |               |
| Storage Temperature        | 60°C to -15°C (Without Batteries)                                                               |               |               |                           |               |
| Humidity                   | <95%Non-Condensing                                                                              |               |               |                           |               |
| Safety Standard            | GB/T14715, EN62040-1                                                                            |               |               |                           |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |                           |               |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |                           |               |
| Input Voltage Range        | 110~300VAC ±5VAC (175-285VAC at full load)                                                      |               |               |                           |               |
| Input Frequency Range      | 40Hz to 70Hz (Auto Sensing)                                                                     |               |               |                           |               |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |                           |               |
| Output Voltage             | 220Vac                                                                                          |               |               |                           |               |
| Output Power Factor        | 0.8                                                                                             |               | 0.9           |                           |               |
| Output Waveform            | Pure Sine Wave                                                                                  |               |               |                           |               |
| Overload                   | 105 - 125% for 1 Minute                                                                         |               |               | 105 - 125% for 10 Minutes |               |
|                            | 126 - 150%for 30 seconds                                                                        |               |               | 126 - 150% for 1 Minute   |               |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |                           |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |               |                           |               |
| VDC-Ah                     | 24Vdc - 7Ah                                                                                     | 48Vdc - 7Ah   | 72Vdc - 7Ah   | 192Vdc - 7Ah              | 192Vdc - 7Ah  |
| COMMUNICATION              |                                                                                                 |               |               |                           |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |                           |               |
| Std. Communication Port    | Rs232                                                                                           |               |               |                           |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |               |                           |               |
| Dimensions (DxWxH) mm      | 145x220x318                                                                                     | 145x220x390   | 190x318x368   | 190x470x534               |               |
| Net Weight (Kg)            | 8.9                                                                                             | 14            | 21.6          | 46.5                      | 47.5          |



## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- 5th Generation IGBT Inverter Technology
- High Output Power Factor
- Generator Compatibility
- Advanced Communications
- Online Double Conversion

The i-power T-4002 series stands as a reliable true online double conversion UPS, delivering stable and dependable sine wave power to your critical equipment. Boasting notable features such as an output power factor up to 0.9 and up to 90% AC-AC efficiency, it prioritizes energy savings without compromising performance. Versatile, high-quality, and competitively priced, this UPS is engineered to adeptly manage a wide voltage range and tackle unpredictable power conditions. With a focus on safety, the T-4002 series offers a secure power supply tailored for mission-critical applications.

# T-4002

## 3-PHASE IN / 1-PHASE OUT

## 10kVA - 20kVA

## APPLICATIONS



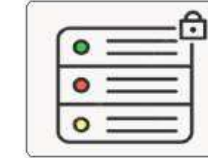
Computer Equipment



Telecom



Office



Networking Equipment

## TECHNICAL SPECIFICATION

|                            |                                                                                                 |               |               |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|
| Order Code                 | OH2010T81600S                                                                                   | OH2015T81600S | OH2020T81600S |
| Capacity                   | 10KVA / 8KW                                                                                     | 15KVA / 12KW  | 20KVA / 16KW  |
| UPS Structure              | Online Double Conversion - Tower Type                                                           |               |               |
| Topology                   | High Frequency, Transformer Less                                                                |               |               |
| Overall Efficiency (AC-AC) | >90%                                                                                            |               |               |
| Noise (In 2 metres)        | <50dB                                                                                           |               |               |
| Working Temperature        | 0°C to 40°C                                                                                     |               |               |
| Storage Temperature        | 60°C to -15°C (Without Batteries)                                                               |               |               |
| Humidity                   | <95%Non-Condensing                                                                              |               |               |
| Safety Standard            | GB/T14715, EN62040-1                                                                            |               |               |
| EMC Standard               | EN 50091-1/2, EN62040-2                                                                         |               |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |
| Input Voltage Range        | 220Vac                                                                                          |               |               |
| Input Frequency Range      | 45Hz to 65Hz (Auto Tracking)                                                                    |               |               |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |
| Output Voltage             | 220Vac(208/220/230/240Vac available)                                                            |               |               |
| Output Power Factor        | 0.8/0.9                                                                                         |               |               |
| Output Waveform            | Pure Sine Wave                                                                                  |               |               |
| Inverter Efficiency        | >90%                                                                                            |               |               |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |               |
| VDC-Ah                     | 192 Vdc - 4Ah                                                                                   |               |               |
| COMMUNICATION              |                                                                                                 |               |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |
| Std. Communication Port    | Rs232                                                                                           |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |               |
| Dimensions (D×W×H) mm      | 190x340x528                                                                                     | 238x528x555   |               |
| Net Weight (Kg)            | 19                                                                                              | 27.5          | 28            |



## PRODUCT HIGHLIGHTS

- High Efficiency (Upto 98% during ECO mode)
- 5th Generation IGBT Inverter Technology
- Parallel Redundancy of Upto 8 Units
- Generator Compatibility
- Low Running Cost
- Online Double Conversion

The i-power T-4003 series is a fully digitized 3 Phase double conversion online UPS, providing stable sine wave power for critical equipment. With an output power factor of 0.8 PF and up to 98% efficiency (in ECO mode), it sets a new standard in AC-AC efficiency. This UPS offers versatility, high quality, and cost-competitiveness, managing a broad voltage range effectively. With maximum power, energy efficiency, and performance, it's the top choice for critical systems.

# T-4003

## 3-PHASE

## 10kVA - 40kVA

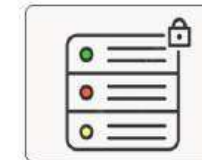
## APPLICATIONS



Datacentre



Telecom



Networking Equipment

## TECHNICAL SPECIFICATION

|                            |                                                                                                 |               |                   |                   |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|-------------------|-------------------|
| Order Code                 | OH3010T81600S                                                                                   | OH3020T81600S | OH3030T84000S     | OH3040T84000S     |
| Capacity                   | 10KVA / 8KW                                                                                     | 20KVA / 16KW  | 30KVA/24kW        | 40KVA / 32KW      |
| UPS Structure              | Online Double Conversion - Tower Type                                                           |               |                   |                   |
| Topology                   | High Frequency, Transformer Less                                                                |               |                   |                   |
| Overall Efficiency (AC-AC) | >91%                                                                                            |               | >93%              |                   |
| Noise (In 2 metres)        | <60dB                                                                                           |               |                   |                   |
| Working Temperature        | -10°C to 40°C                                                                                   |               |                   |                   |
| Storage Temperature        | -25°C to 60°C (Without Batteries)                                                               |               |                   |                   |
| Humidity                   | <95% Non-Condensing                                                                             |               |                   |                   |
| International Standard     | EN 50091-1/2, EN62040-1, EN62040-2                                                              |               |                   |                   |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |                   |                   |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |                   |                   |
| Input Voltage Range        | 380Vac+N+W, 3 Phase                                                                             |               |                   |                   |
| Input Frequency Range      | 40Hz to 70Hz (Adjustable)                                                                       |               |                   |                   |
| OUTPUT SPECIFICATION       |                                                                                                 |               |                   |                   |
| Output Voltage             | Line Voltage: 380×(1±1%) AC or Phase Voltage: 220×(1±1%) AC                                     |               |                   |                   |
| Output Power Factor        | 0.8                                                                                             |               |                   |                   |
| Output Waveform            | Pure Sine Wave                                                                                  |               |                   |                   |
| Inverter Efficiency        | >93%                                                                                            |               |                   |                   |
| BATTERY SPECIFICATION      |                                                                                                 |               |                   |                   |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |                   |                   |
| VDC-Ah                     | 192Vdc                                                                                          | 192Vdc        | ±192Vdc / ±240Vdc | ±192Vdc / ±240Vdc |
| COMMUNICATION              |                                                                                                 |               |                   |                   |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |                   |                   |
| Std. Communication Port    | Rs232                                                                                           |               |                   |                   |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |                   |                   |
| Dimensions (D×W×H) mm      | 260×533×501                                                                                     | 260×710×717   | 260×710×717       | 260×710×717       |
| Net Weight (Kg)            | 26                                                                                              | 57.5          | 58.5              | 62                |



## PRODUCT HIGHLIGHTS

- High Efficiency (Upto 98% during ECO mode)
- 5th Generation IGBT Inverter Technology
- High Output Power Factor (Upto 1PF,  $\pm 240\text{VDC}$ )
- Flexible Battery VDC Option
- Low Running Cost
- Online Double Conversion

The i-power T-4003 series is a fully digitized 3 Phase double conversion online UPS, providing stable sine wave power for critical equipment. With an output power factor of 0.9 to 1PF and up to 98% efficiency (in ECO mode), it sets a new standard in AC-AC efficiency. This UPS offers versatility, high quality, and cost-competitiveness, managing a broad voltage range effectively. With maximum power, energy efficiency, and performance, it's the top choice for critical systems.

# T-4003

## 3-PHASE

## 20kVA - 180kVA

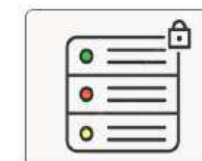
## APPLICATIONS



**Datacentre**



**Telecom**



**Networking Equipment**

## TECHNICAL SPECIFICATION

| Order Code                 | OH3020T15000S                                                                                                                                           | OH3080T15000S | OH3100T15000S | OH3120T15000S | OH3180T15000S |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|
| Capacity                   | 20KVA                                                                                                                                                   | 80KVA         | 100KVA        | 120KVA        | 180KVA        |
| UPS Structure              | Online Double Conversion - Tower Type                                                                                                                   |               |               |               |               |
| Topology                   | High Frequency, Transformer Less                                                                                                                        |               |               |               |               |
| Overall Efficiency (AC-AC) | > 95.5 % (upto 98% in ECO Mode)                                                                                                                         |               |               |               |               |
| Noise (In 2 metres)        | <50dB to 65dB                                                                                                                                           |               |               |               |               |
| Working Temperature        | 0°C to 40°C                                                                                                                                             |               |               |               |               |
| Storage Temperature        | -25°C to 60°C (Without Batteries)                                                                                                                       |               |               |               |               |
| Humidity                   | <95% Non-Condensing                                                                                                                                     |               |               |               |               |
| International Standard     | EN62040-1:2008+A1:2013, EN62040-2:2006+AC:2006, IEC62321-4:2013,IEC62321-5:2013, IEC62321-6:2015, IEC62321-7-1:2015, IEC62321-7-2:2017, IEC62321-8:2017 |               |               |               |               |
| Protections                | Overload, Short-Circuit, Over Temp., Utility Power Voltage High/low, BAT Voltage High/low                                                               |               |               |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                                                                         |               |               |               |               |
| Input Voltage Range        | 380/400/415 Vac+N+G, 3 Phase                                                                                                                            |               |               |               |               |
| Input Frequency Range      | 40Hz to 70Hz                                                                                                                                            |               |               |               |               |
| OUTPUT SPECIFICATION       |                                                                                                                                                         |               |               |               |               |
| Output Voltage             | 380/400/415 Vac+N+G, 3 Phase                                                                                                                            |               |               |               |               |
| Output Power Factor        | 0.9 - 1 PF (0.9PF at < ±240VDC) (1PF at ±240VDC)                                                                                                        |               |               |               |               |
| Output Voltage Accuracy    | ±1%                                                                                                                                                     |               |               |               |               |
| Output Waveform            | Pure Sine Wave                                                                                                                                          |               |               |               |               |
| BATTERY SPECIFICATION      |                                                                                                                                                         |               |               |               |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                                                                                       |               |               |               |               |
| VDC-Ah                     | ±180V/192V/±204V/±216V/±228V/±240/±252/±264/±276/±288/±300Vdc(30-50Pcs)                                                                                 |               |               |               |               |
| COMMUNICATION              |                                                                                                                                                         |               |               |               |               |
| Remote Software            | Multi-functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control                                                               |               |               |               |               |
| Std. Communication Port    | CAN, RS485, FE, LBS                                                                                                                                     |               |               |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                                                                         |               |               |               |               |
| Dimensions (D×W×H) mm      | 690x250x530                                                                                                                                             | 850x440x1200  |               | 850x440x1200  |               |
| Net Weight (Kg)            | 46                                                                                                                                                      | 138           | 140           | 149           | 199           |



## PRODUCT HIGHLIGHTS

- Single Phase 160Vac to 280Vac.
- Advanced SCR Rectifier & IGBT Technology
- High Efficiency- 98% Under ECO Mode.
- Intelligent Charging Design
- High Overload Handling Ability
- Ventilation Design
- 1- 6kVA Units Available with Built-In Batteries

The i-power T-4101 series stands as a true online double conversion UPS, dedicated to providing your critical equipment with unwavering and stable sine wave power. With an impressive output power factor of 0.8 and achieving up to 98% AC-AC efficiency, it sets a new standard for energy savings. Versatile, high-quality, and competitively priced, the T-4101 series is engineered to tackle a broad voltage range and fluctuating power conditions with ease. Its commitment to safety ensures a secure power supply, making it an indispensable asset for mission-critical applications

# T-4101

## 1-PHASE 1kVA - 15kVA

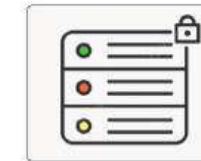
## APPLICATIONS



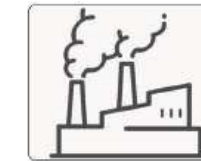
Datacenter



Telecom



Networking  
Equipment



Industrial

## TECHNICAL SPECIFICATION

| Order Code                 | OL1001T80600S                                                                                   | OL1002T80600S | OL1003T80800S | OL1006T80800S  | OL1010T81600S | OL1015T81600S |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|----------------|---------------|---------------|
| Capacity                   | 1KVA / 0.8KW                                                                                    | 2KVA / 1.6KW  | 3KVA / 2.4KW  | 6KVA / 4.8KW   | 10KVA / 8KW   | 15KVA / 12KW  |
| UPS Structure              | Online Double Conversion                                                                        |               |               |                |               |               |
| Topology                   | Low Frequency with Output Isolation Transformer                                                 |               |               |                |               |               |
| Overall Efficiency (AC-AC) | >85%                                                                                            |               |               |                |               |               |
| Noise (In 2 metres)        | <50dB                                                                                           |               |               |                |               |               |
| Working Temperature        | -10°C to 40°C                                                                                   |               |               |                |               |               |
| Storage Temperature        | -25°C to 60°C (Without Batteries)                                                               |               |               |                |               |               |
| Humidity                   | <95%Non-Condensing                                                                              |               |               |                |               |               |
| International Standard     | IEC62040                                                                                        |               |               |                |               |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |                |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |                |               |               |
| Input Voltage Range        | 200/220/230/240Vac Single Phase                                                                 |               |               |                |               |               |
| Input Frequency Range      | 50Hz±5%                                                                                         |               |               |                |               |               |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |                |               |               |
| Output Voltage             | 200/220/230/240Vac                                                                              |               |               |                |               |               |
| Output Power Factor        | 0.8                                                                                             |               |               |                |               |               |
| Distortion                 | <1% (Linear Full Load), <3% (Non-Linear Full Load)                                              |               |               |                |               |               |
| Output Waveform            | Pure Sine Wave                                                                                  |               |               |                |               |               |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |                |               |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |               |                |               |               |
| VDC                        | 72Vdc                                                                                           | 72Vdc         | 96Vdc         | 192Vdc / 96Vdc | 192Vdc        | 192Vdc        |
| COMMUNICATION              |                                                                                                 |               |               |                |               |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |                |               |               |
| Std. Communication Port    | Rs232                                                                                           |               |               |                |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |               |                |               |               |
| Dimensions (D×W×H) mm      | 220×510×395                                                                                     |               | 220×610×475   |                | 220×610×715   |               |
| Net Weight (Kg)            | 22.5                                                                                            | 23.5          | 29            | 44             | 63            | 70            |



## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- Up to 98% Efficiency
- Parallel Redundancy (Up to 8 Units)
- Advanced SCR Rectifier and IGBT Technology
- High Overload Handling Ability
- Self-diagnosis

The i-power T-4103 series represents a pinnacle in UPS technology, delivering true online double conversion power to safeguard your critical equipment with unwavering reliability and stability. With an impressive output power factor of 0.9 and up to 98% AC-AC efficiency, it stands as a beacon of energy-saving prowess. Tailored for demanding environments, the T-4103 series offers unparalleled power, energy efficiency, and performance, making it the ideal choice for large data centers, telecommunication hubs, production lines, and associated high-power applications necessitating robust power protection.

# T-4103

## 3-PHASE

## 10kVA - 40kVA

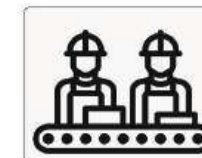
## APPLICATIONS



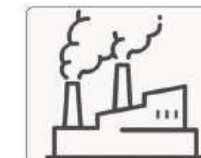
Datacenter



Telecom



Production  
Lines



Industrial

## TECHNICAL SPECIFICATION

| Order Code                 | OL3010T93200S                                                                                   | OL3020T93200S | OL3030T93200S | OL3040T93200S |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|---------------|
| Capacity                   | 10KVA / 9KW                                                                                     | 20KVA / 18KW  | 30KVA / 27KW  | 40KVA / 36KW  |
| UPS Structure              | Online Double Conversion                                                                        |               |               |               |
| Topology                   | Low Frequency with Output Isolation Transformer                                                 |               |               |               |
| Overall Efficiency (AC-AC) | >90%                                                                                            |               |               |               |
| Noise (In 2 metres)        | <50dB to 60dB                                                                                   |               |               |               |
| Working Temperature        | -10°C to 40°C                                                                                   |               |               |               |
| Storage Temperature        | -25°C to 60°C (Without Batteries)                                                               |               |               |               |
| Humidity                   | <95%Non-Condensing                                                                              |               |               |               |
| International Standard     | EN 50091-1/2, EN62040-1, EN62040-2                                                              |               |               |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |               |
| Input Voltage Range        | 380Vac+N+W (3 Phase + PE)                                                                       |               |               |               |
| Input Frequency Range      | 45Hz to 65Hz                                                                                    |               |               |               |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |               |
| Output Voltage             | Line Voltage: 380×(1±1%) AC or Phase Voltage: 220×(1±1%) AC                                     |               |               |               |
| Output Power Factor        | 0.8/0.9 (No lag)                                                                                |               |               |               |
| Distortion                 | <1%(Linear Full Load), < 3%(Non-Linear Full Load)                                               |               |               |               |
| Output Waveform            | Pure Sine Wave                                                                                  |               |               |               |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |               |               |
| VDC                        | 336VDC to 384VDC                                                                                |               |               |               |
| COMMUNICATION              |                                                                                                 |               |               |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |               |
| Std. Communication Port    | Rs232                                                                                           |               |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |               |               |
| Dimensions (D×W×H) mm      | 475×990×700                                                                                     |               | 550×1200×800  |               |
| Net Weight (Kg)            | 210                                                                                             | 230           | 280           | 330           |



## PRODUCT HIGHLIGHTS

- 3 Phase-In / 1 Phase-out 380Vac  $\pm 25\%$
- Advanced SCR Rectifier & IGBT Technology
- High Efficiency- 98% Under ECO Mode.
- Intelligent Charging Design
- High Overload Handling Ability
- Ventilation Design

The i-power T-4102 series stands out as a true online double conversion UPS, ensuring dependable and steady sine wave power for your critical equipment. Boasting notable advantages, such as an output power factor of 0.8 and up to 98% AC-AC efficiency, it offers substantial energy savings. This versatile, high-quality UPS is designed to manage a broad voltage range and handle inconsistent power conditions with ease. With the T-4102 series, you can trust in a secure power supply, essential for mission-critical applications.

# T-4102

## 3-PHASE IN / 1-PHASE OUT

## 10kVA - 60kVA

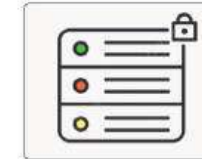
## APPLICATIONS



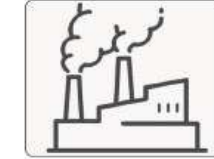
Datacenter



Telecom



Networking Equipment



Industrial

## TECHNICAL SPECIFICATION

| Order Code                 | OL2010T83200S                                                                                   | OL2030T83200S | OL2040T83200S | OL2060T83200S |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|---------------|
| Capacity                   | 10KVA / 8KW                                                                                     | 30KVA / 24KW  | 40KVA / 32KW  | 60KVA / 48KW  |
| UPS Structure              | Online Double Conversion                                                                        |               |               |               |
| Topology                   | Low Frequency with Output Isolation Transformer                                                 |               |               |               |
| Overall Efficiency (AC-AC) | >85%                                                                                            |               |               |               |
| Noise (In 2 metres)        | <50dB                                                                                           |               |               |               |
| Working Temperature        | -10°C to 40°C                                                                                   |               |               |               |
| Storage Temperature        | -25°C to 60°C (Without Batteries)                                                               |               |               |               |
| Humidity                   | <95%Non-Condensing                                                                              |               |               |               |
| International Standard     | IEC62040, IEC/EN 62040-1, IEC/EN 60950                                                          |               |               |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |               |
| Input Voltage Range        | 380Vac, 3 Phase                                                                                 |               |               |               |
| Input Frequency Range      | 50Hz±10%                                                                                        |               |               |               |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |               |
| Output Voltage             | 200/220/230/240Vac                                                                              |               |               |               |
| Output Power Factor        | 0.8                                                                                             |               |               |               |
| Distortion                 | <1%(Linear Full Load), < 3%(Non-Linear Full Load)                                               |               |               |               |
| Output Waveform            | Pure Sine Wave                                                                                  |               |               |               |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |               |               |
| VDC                        | 348Vdc to 384Vdc                                                                                |               |               |               |
| COMMUNICATION              |                                                                                                 |               |               |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |               |
| Std. Communication Port    | Rs232                                                                                           |               |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |               |               |
| Dimensions (D×W×H) mm      | 420×715×1080                                                                                    | 800×800×1900  |               |               |
| Net Weight (Kg)            | UPS weight and dimensions are subject to configurartion at the time of production               |               |               |               |



## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- Up to 98% Efficiency
- Parallel Redundancy (Up to 8 Units)
- Advanced SCR Rectifier and IGBT Technology
- High Overload Handling Ability
- AC-AC Efficiency Up to 90% For Greater Energy Savings

The i-power T-4103 series stands as a true online double conversion UPS, ensuring your critical equipment receives dependable and stable power. Highlighting notable advantages such as an output power factor of 0.9 and up to 98% AC-AC efficiency, it promises substantial energy savings. Tailored for demanding environments, the T-4103 series provides maximum available power, energy efficiency, and power performance. It's the ideal choice for large data centers, telecommunication centers, production lines, and related high-power applications that demand highly reliable power protection.

# T-4103

## 3-PHASE

## 60kVA - 120kVA

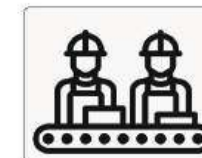
## APPLICATIONS



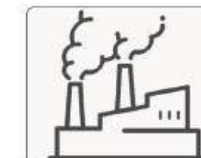
**Datacenter**



**Telecom**



**Production Lines**



**Industrial**

## TECHNICAL SPECIFICATION

| Order Code                 | OL3060T93200S                                                                                   | OL3080T93200S | OL3100T93200S | OL3120T93200S  |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|----------------|
| Capacity                   | 60KVA / 54KW                                                                                    | 80KVA / 72KW  | 100KVA / 90KW | 120KVA / 108KW |
| UPS Structure              | Online Double Conversion                                                                        |               |               |                |
| Topology                   | Low Frequency with Output Isolation Transformer                                                 |               |               |                |
| Overall Efficiency (AC-AC) | >90%                                                                                            |               |               |                |
| Noise (In 2 metres)        | <50dB to 60dB                                                                                   |               |               |                |
| Working Temperature        | -10°C to 40°C                                                                                   |               |               |                |
| Storage Temperature        | -25°C to 60°C (Without Batteries)                                                               |               |               |                |
| Humidity                   | <95%Non-Condensing                                                                              |               |               |                |
| International Standard     | EN 50091-1/2, EN62040-1, EN62040-2                                                              |               |               |                |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |                |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |                |
| Input Voltage Range        | 380Vac+N+W (3 Phase + PE)                                                                       |               |               |                |
| Input Frequency Range      | 45Hz to 65Hz                                                                                    |               |               |                |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |                |
| Output Voltage             | Line Voltage: 380×(1±1%) AC or Phase Voltage: 220×(1±1%) AC                                     |               |               |                |
| Output Power Factor        | 0.8/0.9 (No lag)                                                                                |               |               |                |
| Distortion                 | <1% (Linear Full Load), <3% (Non-Linear Full Load)                                              |               |               |                |
| Output Waveform            | Pure Sine Wave                                                                                  |               |               |                |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |                |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |               |                |
| VDC                        | 336VDC to 384VDC                                                                                |               |               |                |
| COMMUNICATION              |                                                                                                 |               |               |                |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |                |
| Std. Communication Port    | Rs232                                                                                           |               |               |                |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |               |                |
| Dimensions (D×W×H) mm      | 605×1350×800                                                                                    |               | 800×1600×800  |                |
| Net Weight (Kg)            | 450                                                                                             | 550           | 630           | 750            |



## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- Up to 98% Efficiency
- Parallel Redundancy (Up to 8 Units)
- Advanced SCR Rectifier and IGBT Technology
- High Overload Handling Ability
- AC-AC Efficiency Up to 94% For Greater Energy Savings

The i-power T-4103 series embodies a true online double conversion UPS, delivering reliable and stable sine wave power to safeguard your critical equipment. Boasting notable advantages such as an output power factor of 0.9 and up to 94% AC-AC efficiency, it ensures significant energy savings. This series offers the pinnacle of available power, energy efficiency, and power performance. Equipped with Multiple Digital Control Modules, including DSP, MCU, and CPLD, the T-4103 series enables non-prioritized parallel operation of up to 8 units. This innovative feature reduces operating costs without compromising reliability, performance, or availability.

# T-4103

## 3-PHASE

## 160kVA - 600kVA

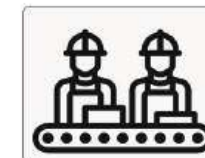
## APPLICATIONS



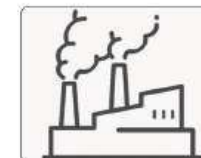
Large  
Datacenter



Telecom



Production  
Lines



Industrial

## TECHNICAL SPECIFICATION

| Order Code                 | OL3160T93200S                                                                                   | OL3250T93200S | OL3400T93200S | OL3600T93200S |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|---------------|
| Capacity                   | 160KVA/144KW                                                                                    | 250KVA/225KW  | 400KVA/360KW  | 600KVA/540KW  |
| UPS Structure              | Online Double Conversion                                                                        |               |               |               |
| Topology                   | Low Frequency with Output Isolation Transformer                                                 |               |               |               |
| Overall Efficiency (AC-AC) | 94% (With Optional Accessories)                                                                 |               |               |               |
| Noise (In 2 metres)        | 67dB                                                                                            |               |               |               |
| Working Temperature        | 0°C to 40°C                                                                                     |               |               |               |
| Storage Temperature        | 15°C to 50°C (Without Batteries)                                                                |               |               |               |
| Humidity                   | <95%Non-Condensing                                                                              |               |               |               |
| International Standard     | IEC62040-2, IEC62040-3, IEC60950-1, IEC62040-1-1                                                |               |               |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |               |
| Input Voltage Range        | 380/400/415Vac+N+W (3 Phase+PE)                                                                 |               |               |               |
| Input Frequency Range      | 50/60Hz±10%                                                                                     |               |               |               |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |               |
| Output Voltage             | Line Voltage: 380×(1±1%) AC or Phase Voltage: 220× (1±1%) AC                                    |               |               |               |
| Output Power Factor        | 0.9                                                                                             |               |               |               |
| Distortion                 | <1% (Linear Full Load), <3% (Non-Linear Full Load)                                              |               |               |               |
| Output Waveform            | Pure Sine Wave                                                                                  |               |               |               |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |               |               |
| VDC                        | 384VDC                                                                                          |               |               |               |
| COMMUNICATION              |                                                                                                 |               |               |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |               |
| Std. Communication Port    | Rs232                                                                                           |               |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |               |               |
| Dimensions (D×W×H) mm      | 855x1900x1245                                                                                   | 855x1900x1640 | 855x1900x2265 | 955x1900x2865 |
| Net Weight (Kg)            | 1075                                                                                            | 1580          | 2105          | 3130          |

# Rack-Mountable UPS



## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- Powerful Overload Ability
- High Power Factor
- ECO Function
- Auto-Restart
- Advanced Communications

The i-power T-4011 series stands as a beacon of reliability in the realm of UPS solutions. As a true online double conversion Rack-Tower UPS, it delivers unwavering and stable pure sine wave power to safeguard your critical equipment. Boasting an output power factor of up to 1 and an impressive overall efficiency exceeding 95%, it not only ensures uninterrupted power but also minimizes energy wastage. This UPS embodies versatility, offering a robust solution to handle wide voltage ranges and erratic power conditions. Leveraging advanced 3-level inverter technology, the T-4011 series guarantees a secure power supply, making it the ideal choice for mission-critical applications.

# T-4011

1-PHASE (1PF)  
1kVA to 10kVA

# Rack-Mountable UPS

## APPLICATIONS



Computer Equipment



Telecom



Office



Networking Equipment

## TECHNICAL SPECIFICATION

| Order Code                 | OH1001C10207S                                                                                   | OH1003C10607S | OH1006C11607S | OH1010C11607S |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|---------------|
| Capacity                   | 1KVA / 1KW                                                                                      | 3KVA / 3KW    | 6KVA / 6KW    | 10KVA / 10KW  |
| UPS Structure              | Online Double Conversion - Rack / Tower Type                                                    |               |               |               |
| Topology                   | High Frequency, Transformer Less                                                                |               |               |               |
| Overall Efficiency (AC-AC) | > 95% (98.5% under ECO mode)                                                                    |               |               |               |
| Noise (In 2 metres)        | <50dB                                                                                           |               |               |               |
| Working Temperature        | -10°C to 40°C                                                                                   |               |               |               |
| Storage Temperature        | -15°C to 60°C (Without Batteries)                                                               |               |               |               |
| Humidity                   | < 20-95% Non-Condensing                                                                         |               |               |               |
| International Standard     | EN/IEC 61000, EN/IEC 62040,                                                                     |               |               |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |               |
| Input Voltage Range        | 220Vac (208/220/230/240Vac available)                                                           |               |               |               |
| Input Frequency Range      | 44~56Hz or 54Hz~66Hz ±10Hz (adjustable)                                                         |               |               |               |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |               |
| Output Voltage             | 220Vac (208/220/230/240Vac available)                                                           |               |               |               |
| Output Power Factor        | 1                                                                                               |               |               |               |
| Distortion                 | <2% (Linear Full Load), <4% (100% Non-Linear Load)                                              |               |               |               |
| Output Waveform            | Pure Sine Wave                                                                                  |               |               |               |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |               |               |
| VDC-Ah                     | 24VDC-7Ah                                                                                       | 72VDC-7Ah     | 192VDC-7Ah    | 192VDC-7Ah    |
| COMMUNICATION              |                                                                                                 |               |               |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |               |
| Std. Communication Port    | Std.RS232/EPO :SNMP/485/dry contact (optional)                                                  |               |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |               |               |
| Dimensions (D×W×H) mm      | 440×450×88/2U                                                                                   |               | 440×470×88/2U |               |
| Net Weight (Kg)            | 9                                                                                               | 20            | 46            | 46.5          |

# Rack-Mountable UPS



## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- High Efficiency (85% for Low Running Costs)
- Intelligent Charging Design
- Output Voltage Regulation
- SCR Rectifier and IGBT Inverter Technology.
- Ventilation Design

The i-power T-4111 series emerges as a premier solution in the realm of UPS technology. This true online double conversion rackmount UPS stands ready to furnish your critical equipment with steadfast and stable sine wave power. Highlighting its prowess are notable advantages, such as an output power factor of 0.8 and an impressive AC-AC efficiency of up to 85%, promising substantial energy savings. Renowned for its versatility, superior quality, and cost competitiveness, the T-4111 series is engineered to adeptly manage a broad voltage spectrum and unpredictable power conditions. With its unwavering commitment to safety, this UPS guarantees a secure power supply, making it an indispensable asset for mission-critical applications.

# T-4111

## 1-PHASE

## 1kVA to 10kVA

# Rack-Mountable UPS

## APPLICATIONS



Computer Equipment



Telecom



Office



Networking Equipment

## TECHNICAL SPECIFICATION

|                            |                                                                                                 |               |               |               |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|---------------|
| Order Code                 | OL1001R80600S                                                                                   | OL1003R80800S | OL1006R81600S | OL1010R81600S |
| Capacity                   | 1KVA / 0.8KW                                                                                    | 3KVA / 2.4KW  | 6KVA / 4.8KW  | 10KVA / 8KW   |
| UPS Structure              | Online Double Conversion                                                                        |               |               |               |
| Topology                   | Low Frequency with Output Isolation Transformer                                                 |               |               |               |
| Overall Efficiency (AC-AC) | >85%                                                                                            |               |               |               |
| Noise (In 2 metres)        | <50dB                                                                                           |               |               |               |
| Working Temperature        | -10°C to 40°C                                                                                   |               |               |               |
| Storage Temperature        | -25°C to 60°C (Without Batteries)                                                               |               |               |               |
| Humidity                   | <95%Non-Condensing                                                                              |               |               |               |
| International Standard     | IEC62040                                                                                        |               |               |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |               |
| Input Voltage Range        | 200/220/230/240Vac Single Phase                                                                 |               |               |               |
| Input Frequency Range      | 50Hz±5%                                                                                         |               |               |               |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |               |
| Output Voltage             | 200/220/230/240Vac                                                                              |               |               |               |
| Output Power Factor        | 0.8                                                                                             |               |               |               |
| Distortion                 | <1% (Linear Full Load), < 3% (Non-Linear Full Load)                                             |               |               |               |
| Output Waveform            | Pure Sine Wave                                                                                  |               |               |               |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |               |               |
| VDC-Ah                     | 72Vdc                                                                                           | 96Vdc         | 192Vdc        | 192Vdc        |
| COMMUNICATION              |                                                                                                 |               |               |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |               |
| Std. Communication Port    | Rs232                                                                                           |               |               |               |

# Rack-Mountable UPS

# Rack-Mountable UPS

## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- 5th Generation IGBT Inverter Technology
- High Output Power Factor
- Low Running Cost
- Online Double Conversion
- Generator Compatibility

The i-power T-4012 rack-tower convertible series stands as a premier choice for reliable power solutions, boasting true online double conversion capability to ensure uninterrupted power for your critical equipment. Delivering stable sine wave power, it offers an impressive output power factor of up to 0.9 and achieves up to 90% AC-AC efficiency, translating to substantial energy savings. Versatile and competitively priced, this UPS is engineered to handle a wide voltage range and fluctuating power conditions, ensuring high efficiency and adaptability across diverse environments.

## APPLICATIONS



Datacenter



Telecom



Networking Equipment

## TECHNICAL SPECIFICATION

|                            |                                                                                        |                |               |
|----------------------------|----------------------------------------------------------------------------------------|----------------|---------------|
| Order Code                 | OH2010C92000S                                                                          | OH2015C92000S  | OH2020C92000S |
| Capacity                   | 10KVA / 9KW                                                                            | 15KVA / 13.5KW | 20KVA / 18KW  |
| UPS Structure              | Online Double Conversion - Tower Type                                                  |                |               |
| Topology                   | High Frequency, Transformer Less                                                       |                |               |
| Overall Efficiency (AC-AC) | >90%                                                                                   |                |               |
| Noise (In 2 metres)        | <50dB                                                                                  |                |               |
| Working Temperature        | 0°C to 40°C                                                                            |                |               |
| Storage Temperature        | -15°C to 60°C (Without Batteries)                                                      |                |               |
| Humidity                   | <95% Non-Condensing                                                                    |                |               |
| International Standard     | GB/T14715, EN62040-1                                                                   |                |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage |                |               |
| RECTIFIER SPECIFICATION    |                                                                                        |                |               |
| Input Voltage Range        | 304Vac to 478Vac                                                                       |                |               |
| Input Frequency Range      | 45Hz to 65Hz (Auto Tracking)                                                           |                |               |
| OUTPUT SPECIFICATION       |                                                                                        |                |               |
| Output Voltage             | 220Vac                                                                                 |                |               |
| Output Power Factor        | 0.8/0.9                                                                                |                |               |
| Distortion                 | <1% (Linear Full Load), <3% (100% Non-Linear Load)                                     |                |               |
| Output Waveform            | Pure Sine Wave                                                                         |                |               |
| BATTERY SPECIFICATION      |                                                                                        |                |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                      |                |               |
| VDC-Ah                     | 192/240 Vdc                                                                            |                |               |
| COMMUNICATION              |                                                                                        |                |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote      |                |               |
| Std. Communication Port    | Rs232                                                                                  |                |               |
| PHYSICAL CHARACTERISTICS   |                                                                                        |                |               |
| Dimensions (D×W×H) mm      | 700×430×88/2U                                                                          | 800×430×178/4U |               |
| Net Weight (Kg)            | 25                                                                                     | 35             | 35            |

# T-4012

## 3-PHASE IN / 1-PHASE OUT

## 10kVA - 20kVA

Rack-Mountable UPS

Rack-Mountable UPS

PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- 5th Generation IGBT Inverter Technology
- Powerful Overload Ability
- Structure Design (19" inch Rack Mount)
- Online Double Conversion
- USB/RS232 & RJ-11/RJ45 serial port interface

The i-power T-4013 series represents a cutting-edge Rack-Mountable UPS, employing true online double conversion technology to ensure unwavering power stability for your critical equipment. Specifically engineered for cabinet-based solutions, it offers a singular output power factor, streamlining its integration into your setup. Boasting high output AC-AC efficiency, this UPS not only guarantees reliable power but also maximizes energy savings, making it an ideal choice for businesses seeking both performance and sustainability.

APPLICATIONS



Datacenter



Telecom



Networking Equipment

TECHNICAL SPECIFICATION

| Order Code                 | OH3010R14000S                                                                                   | OH3015R14000S | OH3020R14000S | OH3025R14000S | OH3030R14000S | OH3040R14000S |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|---------------|
| Capacity                   | 10KVA                                                                                           | 15kVA         | 20KVA         | 25kVA         | 30KVA         | 40KVA         |
| UPS Structure              | Online Double Conversion                                                                        |               |               |               |               |               |
| Topology                   | Low Frequency, Transformer Less                                                                 |               |               |               |               |               |
| Overall Efficiency (AC-AC) | > 94.5 - 96 % (ECO Mode Efficiency >98%)                                                        |               |               |               |               |               |
| Noise (In 2 metres)        | 65dB@100% load, 62dB@45% load                                                                   |               |               |               |               |               |
| Working Temperature        | 0°C to 40°C                                                                                     |               |               |               |               |               |
| Storage Temperature        | -40°C to 70°C                                                                                   |               |               |               |               |               |
| Humidity                   | 0-95% Non-Condensing                                                                            |               |               |               |               |               |
| International Standard     | EN50091-1-1/IEC62040-1-1/AS 62040-1-1 EMC --EN50091-2/IEC62040-2/AS 62040-2/C3/EN500913         |               |               |               |               |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |               |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |               |               |               |
| Input Voltage Range        | 380 / 400 / 415 VAC (228-478 VAC) (Line Voltage)                                                |               |               |               |               |               |
| Input Frequency Range      | 40-70 Hz                                                                                        |               |               |               |               |               |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |               |               |               |
| Output Voltage             | 380 / 400 / 415 VAC (Line Voltage) & 220/230 VAC (10-20kva models)                              |               |               |               |               |               |
| Output Power Factor        | 1                                                                                               |               |               |               |               |               |
| Distortion                 | <1% (linear load), <5% (non-linear load)                                                        |               |               |               |               |               |
| Output Waveform            | Pure Sine Wave                                                                                  |               |               |               |               |               |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |               |               |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |               |               |               |               |
| VDC-Ah                     | ± 240VDC ( 32-44Pcs-Optional)                                                                   |               |               |               |               |               |
| COMMUNICATION              |                                                                                                 |               |               |               |               |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |               |               |               |
| Std. Communication Port    | Rs232                                                                                           |               |               |               |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |               |               |               |               |
| Dimensions (D×W×H) mm      | 485x790x130                                                                                     |               |               | 485x723x174   |               |               |
| Net Weight (Kg)            | 25                                                                                              |               | 30            |               | 41            |               |

T-4013

3-PHASE (1PF)

10kVA - 40kVA

# Lithium-Ion UPS

## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- Powerful Overload Ability
- Latest IGBT Technology
- 19" Inch Rack Mount
- Auto-Restart
- Advanced Communications

The i-power T-4011 series stands as a true online double conversion Rack-Mountable UPS, offering steadfast and stable pure sine wave power to safeguard your critical equipment. Engineered to telecom standards, it operates seamlessly with a 48Vdc battery voltage. With models ranging from 1KVA to 3KVA, all housed within a compact 2U form factor, it maximizes space efficiency without compromising performance. Notably, its compatibility with Li-ion batteries underscores its versatility and forward-looking design.

# T-4011

## 1-PHASE

## 1kVA to 3kVA

# Lithium-Ion UPS

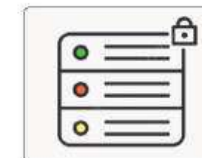
## APPLICATIONS



Datacenter



Telecom



Networking Equipment

## TECHNICAL SPECIFICATION

|                            |                                                                                           |                 |               |
|----------------------------|-------------------------------------------------------------------------------------------|-----------------|---------------|
| Order Code                 | OH1001R80400L                                                                             | OH1002R80400L   | OH1003R80400L |
| Capacity                   | 1KVA/0.8KW                                                                                | 2KVA/1.6KW      | 3KVA/2.4KW    |
| UPS Structure              | Online Double Conversion - Rack Mountable Type                                            |                 |               |
| Topology                   | High Frequency, Transformer Less                                                          |                 |               |
| Overall Efficiency (AC-AC) | > 90%                                                                                     |                 |               |
| Noise (In 2 metres)        | < 50dB                                                                                    |                 |               |
| Working Temperature        | 0°C to 40°C                                                                               |                 |               |
| Storage Temperature        | -15-60°C (without batteries)                                                              |                 |               |
| Humidity                   | <95%Non-Condensing                                                                        |                 |               |
| International Standard     | EN 50091-1/2, EN62040-2                                                                   |                 |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage    |                 |               |
| RECTIFIER SPECIFICATION    |                                                                                           |                 |               |
| Input Voltage Range        | 100% Load:160~300Vac, 50% Load:115~300Vac                                                 |                 |               |
| Input Frequency Range      | 45-65Hz (Auto Tracking)                                                                   |                 |               |
| OUTPUT SPECIFICATION       |                                                                                           |                 |               |
| Output Voltage             | 220Vac                                                                                    |                 |               |
| Output Power Factor        | 0.8                                                                                       |                 |               |
| Distortion                 | < 1% (Linear Full Load), < 3% (100% Non-Linear Load)                                      |                 |               |
| Output Waveform            | Pure Sine Wave                                                                            |                 |               |
| BATTERY SPECIFICATION      |                                                                                           |                 |               |
| Battery Type               | LiFePO4                                                                                   |                 |               |
| VDC                        | 48VDC                                                                                     |                 |               |
| COMMUNICATION              |                                                                                           |                 |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control |                 |               |
| Std. Communication Port    | Rs232                                                                                     |                 |               |
| PHYSICAL CHARACTERISTICS   |                                                                                           |                 |               |
| Dimensions (D×W×H) mm      | 320×430×88 - 2U                                                                           | 450×430×88 - 2U |               |
| Net Weight (Kg)            | 7.5                                                                                       | 10              | 14            |

# Lithium-Ion UPS



## PRODUCT HIGHLIGHTS

- Latest HF IGBT Technology
- High Output PF
- Large LCD Display
- Standard 19" Rack-Mount Design
- Auto-Restart
- Advanced Communications

The i-power T-4011 series is a reliable online double conversion Rack-Mountable UPS engineered to deliver consistent and stable pure sine wave power to safeguard your critical equipment. Its intelligent design and robust reliability make it an ideal choice, especially when paired with a Lithium-ion battery pack and energy-saving green power options. This combination ensures uninterrupted power supply while promoting efficiency and sustainability.

# T-4011

1-PHASE (1PF)  
1kVA to 10kVA

# Lithium-Ion UPS

## APPLICATIONS



Datacenter



Telecom



Networking  
Equipment

## TECHNICAL SPECIFICATION

|                            |                                                                                                  |               |               |               |
|----------------------------|--------------------------------------------------------------------------------------------------|---------------|---------------|---------------|
| Order Code                 | OH1001R11200L                                                                                    | OH1003R13000L | OH1006R16000L | OH1010R16000L |
| Capacity                   | 1KVA/1KW                                                                                         | 3KVA/3KW      | 6KVA/6KW      | 10KVA/10KW    |
| UPS Structure              | Online Double Conversion - Rack Mount Type                                                       |               |               |               |
| Topology                   | High Frequency, Transformer Less                                                                 |               |               |               |
| Overall Efficiency (AC-AC) | > 95% (under ECO mode the overall efficiency upto 98.5%)                                         |               |               |               |
| Noise (In 2 metres)        | <50dB                                                                                            |               |               |               |
| Working Temperature        | 0°C to 50°C                                                                                      |               |               |               |
| Storage Temperature        | -15°C to 60°C (Without Batteries)                                                                |               |               |               |
| Humidity                   | <95%Non-Condensing                                                                               |               |               |               |
| International Standard     | EN/IEC 61000, EN/IEC 62040                                                                       |               |               |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low  |               |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                  |               |               |               |
| Input Voltage Range        | 220Vac (208/220/230/240Vac optional)                                                             |               |               |               |
| Input Frequency Range      | 44~56Hz or 54Hz~66Hz,±10Hz                                                                       |               |               |               |
| OUTPUT SPECIFICATION       |                                                                                                  |               |               |               |
| Output Voltage             | 220Vac (208/220/230/240Vac Optional)                                                             |               |               |               |
| Output Power Factor        | 1                                                                                                |               |               |               |
| Distortion                 | <1% (Linear Full Load), <3% (Non-Linear Full Load)                                               |               |               |               |
| Output Waveform            | Pure Sine Wave                                                                                   |               |               |               |
| BATTERY SPECIFICATION      |                                                                                                  |               |               |               |
| Battery Type               | Lithium-ion Battery Pack                                                                         |               |               |               |
| Nominal Voltage / Cell Qty | 38.4Vdc / 12s                                                                                    | 96Vdc / 30s   | 192Vdc / 60s  | 192Vdc / 60s  |
| COMMUNICATION              |                                                                                                  |               |               |               |
| L-ion Communication Port   | Multi-functional Monitoring System, power and battery status, power failure, low battery voltage |               |               |               |
| Std. Communication Port    | Rs232                                                                                            |               |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                  |               |               |               |
| Dimensions (D×W×H) mm      | 400×440×88/2U                                                                                    |               | 470×440×88/2U |               |
| Net Weight (Kg)            | 5.5                                                                                              | 8             | 10            | 10.5          |

# Lithium-Ion UPS

## PRODUCT HIGHLIGHTS

- MCU Based Digital Control Technology
- High Protection Functions
- Intelligent Battery Charger
- Self-start Function
- Intelligent Power Management
- Green Power Standard

The i-power T-3011 series boasts fully digitized control and comprehensive protection features, making it a reliable choice for diverse applications. Its rack-mountable design and compatibility with DC-48V Lithium-ion battery packs offer versatility and seamless integration. Additionally, the DC 48V output can be utilized for communication equipment simultaneously, enhancing efficiency. With its intelligent design and exceptional reliability, this series ensures consistent delivery of stable, pure sine wave power to safeguard your equipment's performance

# T-3011

1-PHASE  
6kVA

# Lithium-Ion UPS

## APPLICATIONS



Datacenter



Telecom



Networking  
Equipment

## TECHNICAL SPECIFICATION

|                            |                                                                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Order Code                 | LH1006R80400L                                                                                                                                               |
| Capacity                   | 6000VA                                                                                                                                                      |
| Topology                   | Pure Sine Wave - Rack-Mountable Design                                                                                                                      |
| Protection Functions       | Dc anti-reverse connection, buffer, over-voltage and under-voltage; Mains input overvoltage and undervoltage; Output overload, short circuit; A temperature |
| Overload                   | Utility Mode: 125% work 10mins, 150%/10s UPS(in Communication: 125%/1mins, 150%/10s                                                                         |
| Working Temperature        | 0°C to 40°C                                                                                                                                                 |
| Noise (1meter)             | < 40dB                                                                                                                                                      |
| Humidity                   | <95%Non-Condensing                                                                                                                                          |
| Elevation (m)              | <1500                                                                                                                                                       |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low                                                             |
| INPUT SPECIFICATION        |                                                                                                                                                             |
| Input Voltage Range        | 220VAC -35% ~ + 25%                                                                                                                                         |
| Input Frequency Range      | 50Hz±10%                                                                                                                                                    |
| OUTPUT SPECIFICATION       |                                                                                                                                                             |
| Output Voltage (Batt Mode) | 220Vac±2%                                                                                                                                                   |
| Output Power Factor        | 0.8                                                                                                                                                         |
| Output Frequency           | 50Hz±0.1%                                                                                                                                                   |
| Output Waveform            | Pure Sine Wave                                                                                                                                              |
| BATTERY SPECIFICATION      |                                                                                                                                                             |
| Battery Type               | Lithium-ion Battery Pack                                                                                                                                    |
| VDC                        | 48 VDC                                                                                                                                                      |
| COMMUNICATION              |                                                                                                                                                             |
| Dry Contact                | Available (optional)                                                                                                                                        |
| Std. Communication Port    | Rs232                                                                                                                                                       |
| PHYSICAL CHARACTERISTICS   |                                                                                                                                                             |
| Dimensions (D×W×H) mm      | 440 ×132 ×430                                                                                                                                               |
| Net Weight (Kg)            | 35                                                                                                                                                          |

## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- 96% Overall Efficiency for Low Running Costs
- Hot-Swap Feature
- Flexible Battery Configuration
- High Overload Handling Ability
- Modular Design Provides Easy Maintenance and Scalability

The i-power T-6003 series represents a true online double conversion modular UPS, ensuring reliable and stable power for your critical equipment. Noteworthy features include a hot-swappable modular structure and N+X redundancy, enhancing system reliability. With its high efficiency, this series offers remarkably low total cost of ownership and operating expenses. Designed to scale with the evolving demands of businesses, the T-6003 series avoids over-sizing the UPS, optimizing both the initial investment and the total cost of ownership.

# T-6003

## 3-PHASE

## 200kVA - 600kVA

## APPLICATIONS



Large  
Datacenter



Telecom



IT Centers

## TECHNICAL SPECIFICATION

| Order Code                 | MH3200U15000S                                                                                   | MH3400U15000S | MH3500U15000S | MH3600U15000S |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|---------------|
| Capacity                   | 200KVA                                                                                          | 400KVA        | 500KVA        | 600KVA        |
| UPS Structure              | Online Double Conversion                                                                        |               |               |               |
| Topology                   | Standard Telecom Cabinet with Modular Structure Design                                          |               |               |               |
| Overall Efficiency (AC-AC) | >96%                                                                                            |               |               |               |
| Noise (In 2 metres)        | <70dB                                                                                           |               |               |               |
| Working Temperature        | 0°C to 40°C                                                                                     |               |               |               |
| Storage Temperature        | -25°C to 55°C (Without Batteries)                                                               |               |               |               |
| Humidity                   | <95%Non-Condensing                                                                              |               |               |               |
| International Standard     | IEC62040                                                                                        |               |               |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |               |
| Input Voltage Range        | 380/400/415Vac+N+W (3 Phase+PE)                                                                 |               |               |               |
| Input Frequency Range      | 50/60Hz±10%                                                                                     |               |               |               |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |               |
| Output Voltage             | 380/400/415Vac+N+W, 3 Phase                                                                     |               |               |               |
| Output Power Factor        | 0.99                                                                                            |               |               |               |
| Distortion                 | <3%(100% Non-Linear Load)                                                                       |               |               |               |
| Soft-Start                 | >60 Seconds                                                                                     |               |               |               |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |               |
| Battery Type               | Sealed Lead Acid Maintenance Free                                                               |               |               |               |
| VDC                        | ±180 / 192 / 204 / 216 / 228 / 240 / 252 / 264 / 276 / 288 / 300 VDC                            |               |               |               |
| COMMUNICATION              |                                                                                                 |               |               |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |               |
| Std. Communication Port    | RS232/SNMP/485/Dry Contact (Optional Accessory)                                                 |               |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |               |               |
| Dimensions (D×W×H) mm      | 600×850×2000                                                                                    | 1200x850x2000 |               | 1200x850x2000 |
| Net Weight (Kg)            | 190                                                                                             | 280           | 645           | 720           |

# Line Interactive UPS



## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- Output Voltage Regulation
- Multi Level AVR Function
- Cold Start
- Advanced Communications
- Fully Digitized Control

The i-power T-3001 series is meticulously engineered with fully digitized control, offering comprehensive monitoring and protection features. Equipped with an Automatic Voltage Regulator (AVR), this series safeguards against surges, overvoltages, and undervoltages, all without requiring battery intervention. It guarantees stable power supply to all electronics, thereby ensuring higher availability and reliability.

Notably, its Cold start function, auto-shutdown software, and other advanced features make the T-3001 series an ideal choice for safeguarding your valuable data

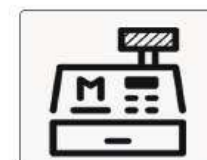
# T-3001

## 1-PHASE

## 400VA - 3000VA

# Line Interactive UPS

## APPLICATIONS



POs



Office



Home

## TECHNICAL SPECIFICATION

|                          |                                                                                                 |               |               |                |                |
|--------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|----------------|----------------|
| Order Code               | LH1X40T60104S                                                                                   | LH1X60T60107S | LH1X80T60109S | LH1001T60207S  | LH11X2T60207S  |
| Capacity                 | 400VA / 240W                                                                                    | 800VA / 480W  | 1200VA / 720W | 2000VA / 1200W | 3000VA / 1800W |
| UPS Structure            | Line-Interactive Design                                                                         |               |               |                |                |
| Overload                 | >110% Alarm Shutdown                                                                            |               |               |                |                |
| Surge Protection         | Input Fuses Protection (AC Mode), Circuit Auto Protection (BAT Mode)                            |               |               |                |                |
| Working Temperature      | 0°C to 40°C                                                                                     |               |               |                |                |
| Humidity                 | <95% Non-Condensing                                                                             |               |               |                |                |
| Protections              | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |                |                |
| RECTIFIER SPECIFICATION  |                                                                                                 |               |               |                |                |
| Input Voltage Range      | 140Vac to 290Vac                                                                                |               |               |                |                |
| Input Frequency Range    | 50Hz±10%                                                                                        |               |               |                |                |
| OUTPUT SPECIFICATION     |                                                                                                 |               |               |                |                |
| Output Voltage AC Mode)  | 220Vac±10%                                                                                      |               |               |                |                |
| Output Waveform          | Modified Sine Wave (BAT Mode)                                                                   |               |               |                |                |
| AC-DC Switching Time     | 2-6ms                                                                                           |               |               |                |                |
| Output Freq. (BAT Mode)  | 50Hz±10%                                                                                        |               |               |                |                |
| BATTERY SPECIFICATION    |                                                                                                 |               |               |                |                |
| Battery Type             | Sealed Lead-Acid Maintenance Free Battery                                                       |               |               |                |                |
| Rated Voltage/Units      | 12V/4Ah×1P                                                                                      | 12V/7Ah×1P    | 12V/9Ah×1P    | 12V/7Ah×2P     | 12V/7Ah×2P     |
| PHYSICAL CHARACTERISTICS |                                                                                                 |               |               |                |                |
| Dimensions (D×W×H) mm    | 101×297×142                                                                                     |               |               | 140 ×370 ×165  |                |
| Net Weight (Kg)          | 3.5                                                                                             | 4.2           | 4.9           | 8              | 9.6            |

# Line Interactive UPS



## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- Output Voltage Regulation
- Multi Level AVR Function
- Advanced MCU Control
- Sensitive Peak Current Protection
- Smart CPU Control Technology

The i-power T-3101 series represents a cutting-edge CPU controlled intelligent single-phase line-interactive UPS system. Distinguished by its built-in Multi-level AVR function and full bridge inverter output design, it stands as a pinnacle of versatility, quality, and cost-competitiveness. Crafted to adeptly manage a broad voltage spectrum and navigate through inconsistent power conditions, this series ensures a reliable and secure power supply essential for mission-critical applications.

T-3101

1-PHASE

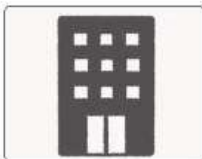
1kVA - 10kVA

# Line Interactive UPS

## APPLICATIONS



PCs



Telecom



Home

## TECHNICAL SPECIFICATION

|                            |                                                                                                 |               |               |               |               |
|----------------------------|-------------------------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|
| Order Code                 | LL1001T70300S                                                                                   | LL1002T70600S | LL1003T70800S | LL1006T70600S | LL1010T70600S |
| Capacity                   | 1KVA / 0.7KW                                                                                    | 2KVA / 1.4KW  | 3KVA / 2.1KW  | 3KVA / 2.1KW  | 10KVA / 7KW   |
| UPS Structure              | Line-Interactive Design                                                                         |               |               |               |               |
| Overall Efficiency (AC-AC) | >83%                                                                                            |               | >85%          |               |               |
| Noise (In 2 metres)        | <50dB                                                                                           |               |               |               |               |
| Working Temperature        | 0°C to 40°C                                                                                     |               |               |               |               |
| Storage Temperature        | 60°C to -15°C (Without Batteries)                                                               |               |               |               |               |
| Humidity                   | <95%Non-Condensing                                                                              |               |               |               |               |
| International Standard     | GB/T14715, EN62040-1                                                                            |               |               |               |               |
| Protections                | Overload, Short-Circuit, Over Temperature, Utility Power Voltage High/Low, BAT Voltage High/Low |               |               |               |               |
| RECTIFIER SPECIFICATION    |                                                                                                 |               |               |               |               |
| Input Voltage Range        | 145Vac to 275Vac±5%, Single Phase                                                               |               |               |               |               |
| Input Frequency Range      | 40Hz to 70Hz, Self-Auto Tracking                                                                |               |               |               |               |
| OUTPUT SPECIFICATION       |                                                                                                 |               |               |               |               |
| Output Voltage             | 220Vac (200/220/230/240Vac), Single Phase                                                       |               |               |               |               |
| Output Power Factor        | 0.7                                                                                             |               |               |               |               |
| Output Waveform            | Pure Sine Wave                                                                                  |               |               |               |               |
| Overload                   | > 105-110% for 1 Minute; >110-130% for 30 Seconds; >130% Immediately Shutdown                   |               |               |               |               |
| BATTERY SPECIFICATION      |                                                                                                 |               |               |               |               |
| Battery Type               | Sealed Maintenance Free Batteries                                                               |               |               |               |               |
| VDC-Ah                     | 36Vdc                                                                                           | 72Vdc         | 96Vdc         | 192Vdc        |               |
| COMMUNICATION              |                                                                                                 |               |               |               |               |
| Remote Software            | Multi-Functional Monitoring System, Online and BAT Mode Status, BAT Fault, Remote Control       |               |               |               |               |
| Std. Communication Port    | Rs232                                                                                           |               |               |               |               |
| PHYSICAL CHARACTERISTICS   |                                                                                                 |               |               |               |               |
| Dimensions (D×W×H) mm      | 360×147×220                                                                                     | 440×192×340   |               | 520×240×460   |               |
| Net Weight (Kg)            | 8.5                                                                                             | 16            | 18            | 30            | 35            |



PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- Intelligent Charging System
- Multi LCD Display With LED Indicators
- Auto Recovery When AC is Restored
- Advanced Communications
- Auto-Restart



The T-7501 Series is meticulously engineered to cater to the needs of household appliances and various network applications, offering extended backup support for small loads. This intelligent device serves as an all-in-one solution, seamlessly combining the functions of a charger, inverter, and solar power source. Renowned for its high reliability, it provides the optimal power solution for diverse needs.

T-7501

1-PHASE  
1.2KVA - 2.4KVA

APPLICATIONS



Home

TECHNICAL SPECIFICATION

|                       |                                                                              |               |
|-----------------------|------------------------------------------------------------------------------|---------------|
| Order Code            | IH11X2T60100S                                                                | IH12X4T60200S |
| Capacity              | 1200VA/720W                                                                  | 2400VA/1440W  |
| Design Structure      | Tower or Rackmounted                                                         |               |
| Overall Efficiency    | >95%                                                                         |               |
| Working Temperature   | 0°C to 40°C                                                                  |               |
| Storage Temperature   | -25°C to 60°C (Without Batteries)                                            |               |
| Humidity              | <95% Non-Condensing                                                          |               |
| Safety Standard       | CB7260.2/EN50091-2 Class A                                                   |               |
| Protections           | Overload, Short-Circuit, Over Temp., Over/ Low Voltage, BAT Voltage High/Low |               |
| Display               | LCD+LED Indicators; AC Mode Green Light; BAT Mode Yellow Light               |               |
| Nominal Voltage       | 220/230/240 Vac                                                              |               |
| Input Voltage Range   | 162 - 290 Vac, 90 - 290 Vac                                                  |               |
| Input Frequency Range | 50Hz                                                                         |               |
| Output Voltage        | 220Vac ±1% (BAT Mode) ; 220Vac±10%( AC Mode )                                |               |
| Output Frequency      | 0 ± 1 Hz0.9                                                                  |               |
| Output Waveform       | Modified Sine Wave (BAT Mode)                                                |               |
| Efficiency (DC to AC) | >80%                                                                         |               |
| Battery VDC           | 12Vdc                                                                        |               |
| Solar Structure       | PWM                                                                          |               |
| Solar Charge Input    | 9-40 Vdc                                                                     |               |
| Solar Charger Current | 30-50A Adjustable                                                            |               |
| Dimensions (D×W×H) mm | 288×272×90                                                                   |               |
| Net Weight (Kg)       | 2.9                                                                          | 3.1           |

# Off-Grid Solar Inverters



## PRODUCT HIGHLIGHTS

- Ultra-Wide Photovoltaic Input Voltage Range
- Bidirectional DC-DC Provides Fast Charging
- Provides Up to 9 Units Parallel
- Full-Bridge Technology
- Multiple Working Modes
- Wall-Mounted & Rack-Mounted In Cabinet Options are Available

The i-power T-7701 series represents a cutting-edge advancement in pure sine wave photovoltaic off-grid integrated inverters, boasting the latest in fully digitized controlled technology. Engineered to deliver super-high fast charging current and high-efficiency energy conversion and storage, this series offers a cost-effective, reliable, and practical solution. Additionally, it ensures sufficient safe electrical energy protection, making it an ideal choice for various applications.

# T-7701

## 1-PHASE (1PF)

## 3KVA - 5KVA

# Off-Grid Solar Inverters

## APPLICATIONS



Home

## TECHNICAL SPECIFICATION

|                            |                                                                  |               |
|----------------------------|------------------------------------------------------------------|---------------|
| Order Code                 | IH1003R10200M                                                    | IH1005R10400M |
| Capacity                   | 3KVA/3KW                                                         | 5KVA/5KW      |
| Overall Efficiency (AC-AC) | 93.5% @ 48VDC (Peak)                                             |               |
| Noise (In 2 metres)        | 55db (At 1.5 Meter)                                              |               |
| Working Temperature        | -10°C to 40°C                                                    |               |
| Storage Temperature        | -15-60℃                                                          |               |
| Humidity                   | < 20-95% Non-condensing                                          |               |
| International Standard     | EN/IEC 61000, EN/IEC 62040, GB/T 7260, GB/T 4943, YD/T1095, TLC  |               |
| INPUT SPECIFICATION        |                                                                  |               |
| Input Voltage Range        | 220Vac (L+N+PE),208/220/230/240Vac                               |               |
| Input Frequency Range      | 50Hz/60Hz (Auto-tracking)                                        |               |
| OUTPUT SPECIFICATION       |                                                                  |               |
| Output Voltage             | 220Vac±5% (L+N+PE),208/220/230/240Vac                            |               |
| Output Power Factor        | 1                                                                |               |
| Output Frequency           | Grid mode: Auto-tracking and following :Battery mode: 50/60Hz±1% |               |
| BATTERY SPECIFICATION      |                                                                  |               |
| Battery/DC voltage         | 24 Vdc                                                           | 48 Vdc        |
| Charging mode              | 2-steps / 3-steps / PV charging                                  |               |
| PV INPUT SPECIFICATION     |                                                                  |               |
| Input range                | 120Vdc-450Vdc                                                    |               |
| Maximum Input Power        | 4000                                                             | 6700          |
| PHYSICAL CHARACTERISTICS   |                                                                  |               |
| Dimensions (D×W×H) mm      | 115×300×440                                                      |               |
| Net Weight (Kg)            | 9.5                                                              | 9.7           |

# Solar Hybrid Inverters



## PRODUCT HIGHLIGHTS

- Wide Input Voltage Range
- Independent Ventilation For Cooling System
- ECO Mode Available To Save Energy
- Cold Start
- Advanced Communications
- Auto-Restart



The i-power T-7101 series represents a cutting-edge, fully digital-controlled inverter system engineered for exceptional performance. Tailored to deliver prolonged backup capability with a pure sine wave output, it stands as a pinnacle of reliability and efficiency. With its innovative multilevel charging system, the T-7101 series not only minimizes charging durations but also significantly extends battery lifespan, ensuring sustained power supply in critical situations

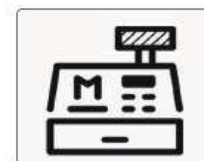
# T-7201

## 1-PHASE

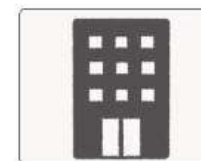
## 1KVA - 10KVA

# Solar Hybrid Inverters

## APPLICATIONS



POs



Office



Home

## TECHNICAL SPECIFICATION

| Order Code               | IL1001T80100I                                                  | IL1003T80200I | IL1005T80200I | IL1010T80400I |
|--------------------------|----------------------------------------------------------------|---------------|---------------|---------------|
| Capacity                 | 1KVA                                                           | 3KVA          | 5KVA          | 10KVA         |
| Input Voltage            | 220VAC                                                         |               |               |               |
| Input Voltage Range      | 220V: 154-264Vac±3V (Inverter Mode) ; 185-264VAC±3V (UPS Mode) |               |               |               |
| Input Frequency Range    | 50/60Hz±5%                                                     |               |               |               |
| Output Voltage (AC Mode) | Tracking and Following AC utility Input Power Range            |               |               |               |
| Output Voltage (DC Mode) | 220VAC±10% or (110VAC±10%)                                     |               |               |               |
| Output Power Factor      | 0.9                                                            |               |               |               |
| Output Waveform          | Pure Sine Wave                                                 |               |               |               |
| Protection               | Overload/over-current/short circuit/over temperature           |               |               |               |
| Display                  | LCD display: AC Voltage, AC Frequency, Output Voltage          |               |               |               |
| Working Temperature      | -10°C - 40°C                                                   |               |               |               |
| Humidity                 | <95% without condensation                                      |               |               |               |
| Noise                    | <55db                                                          |               |               |               |
| Battery Type             | LEAD, SLA, OP-LE                                               |               |               |               |
| Battery Voltage          | 12Vdc                                                          | 24Vdc         | 24Vdc         | 24Vdc         |
| Dimensions (D×W×H) mm    | 385x190x682                                                    |               | 552x190x382   | 552x190x382   |
| Net Weight (Kg)          | 11.3                                                           | 17.2          | 21.3          | 36.1          |

# Smart Micro Data Cabinet



## PRODUCT HIGHLIGHTS

- All-In-One Solution
- Small Footprint
- High Efficiency
- Standardized Structure Design
- High Overload Handling Ability

i-power Smart Micro Data Cabinet represents a cutting-edge solution tailored for small scale data centers, catering predominantly to sectors like finance, government, education, healthcare, and small-scale enterprises. This intelligent single-cabinet setup encompasses a comprehensive array of functionalities, including intelligent power backup, distribution systems, environmental controls such as temperature, humidity, and smoke sensors, as well as meticulous monitoring & precision cooling mechanisms.



# T-8001

## 1-PHASE 3kVA - 10kVA

# Smart Micro Data Cabinet

## APPLICATIONS



## SYSTEM CONFIGURATION - MAIN PARTS

| Product                         | Description                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cabinet                         | 42U Full sealed cabinet, front single open tempered glass door, Rear double-opening sheet, metal door, Front and rear door electromagnetic lock; Dimensions: W600* D1200* H1600/33U, cooling aisle 200mm                                                                                                                                                        |
| Power Distribution              | Small power distribution center, 8 outlets monitoring, 1/1 phase<br>AC input: 32A/2P Manual bypass: 32A/2P UPS output: 16A/1P PDU1: 16A/1P<br>PS input: 16A/1P Air-con breaker: 10A/1P PDU2: 16A/<br>Lightning protection: 20KA/2P ( L+N ) breaker 25A/2P<br>DC output breaker: 10A/1P Size: W440*D540*H132mm/3U                                                |
| PDU                             | Non-intelligent, vertical installation, IEC C13*16 (selectable), L880*W65*H45mm                                                                                                                                                                                                                                                                                 |
| UPS                             | Online double conversion, DSP controlled, Output PF=1, Rack-mount, with 12V/7Ah ,<br>UPS size: W440xD540xH88mm /2U                                                                                                                                                                                                                                              |
| Air Con / Cooling Unit          | 3.5kW precision air-conditioner, Top Installation, single cooling type with outdoor unit, dynamic adjustment of the refrigeration capacity of the inverter compressor to avoid condensation, automatic adjustment of the air volume of the internal and external EC fans, built-in refrigerant pressure and temperature sensor, and electronic expansion valve. |
| Environmental Monitoring System | Equipped with 10-inch color touch screen, The EMS host has built-in SNMP-Link software, the device connection and management through SNMP protocol, also it is available to connect hose through RS485 or CAN bus. The expansion is very Flexible and convenient for remote management devices like smoke sensor, Humidity. & Temp. Access control etc.         |

# Smart Micro Data Cabinet



## PRODUCT HIGHLIGHTS

- All-In-One Solution
- Small Footprint
- High Efficiency
- Standardized Structure Design
- Comprehensive Intelligent System
- Custom Designs & Fast Deployment

The i-power T-8002 smart micro cabinet system is designed for small to medium-sized data centers, with key applications in finance, government, education, healthcare, and micro-enterprises. It integrates various sub-systems, such as UPS, power distribution, refrigeration, monitoring, and management features. Its modular design allows for quick deployment, scalable expansion, increased efficiency, energy savings, and intelligent management.

# T-8002

## 1-PHASE

## 10kVA - 20kVA

# Smart Micro Data Cabinet

## APPLICATIONS



Datacenter



Telecom



IT Centers



Finance



Healthcare



Education



Enterprise

## SYSTEM CONFIGURATION - MAIN PARTS

| Product                         | Description                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System Cabinet                  | Full sealed cabinet, front single open tempered glass door, Rear double-opening sheet metal door, Front and rear door electromagnetic lock; Size: W600* D1200* H2000/42U, cooling aisle 200mm                                                                                                                                                             |
| Power Distribution              | Smart power distribution center, 8 outlets monitoring, 1/1 phase<br>AC input: 80A/2P Manual bypass: 80A/2P UPS output: 16A/1P PDU1: 16A/1P<br>PS input: 16A/1P Air-con breaker: 25A/2P PDU2: 16A/1P<br>Lightning protection: 20KA/2P ( L+N ) breaker 25A/2P<br>DC output breaker: 10A/1P Size: W440*D540*H132mm/3U                                        |
| PDU                             | Non-intelligent, vertical installation, IEC C13*16 (selectable), L880*W65*H45mm                                                                                                                                                                                                                                                                           |
| UPS                             | Online Double conversion, DSP controlled, Output PF=1, Rack mount, optional for battery packs based on backup time. UPS size: W440xD470xH88mm                                                                                                                                                                                                             |
| Air Con / Cooling Unit          | 5.9kW precision air- conditioner, Rack mount, single cooling type with outdoor unit, dynamic adjustment of the refrigeration capacity of the inverter compressor to avoid condensation, automatic adjustment of the air volume of the internal and external EC fans, built-in refrigerant pressure and temperature sensor, and electronic expansion valve |
| Environmental Monitoring System | Equipped with 10-inch color touch screen, The EMS host has built-in SNMP-Link software, the device connection and management through SNMP protocol, also it is available to connect hose through RS485 or CAN bus. The expansion is very Flexible and convenient for remote management devices like smoke sensor, Humidity. & Temp Access control.        |



### PRODUCT HIGHLIGHTS

- Fully Rated Capacity
- Output Accuracy
- SMT Technology
- Multi Info LCD Display
- Smart CPU Control Technology
- Overload, Under/Over Voltage, Short Circuit, Bypass Protection

The i-power Servo Voltage Regulators are designed to safeguard against main power sags, surges, and brownouts, making them indispensable in environments prone to supply inconsistencies. Among our lineup, the AVR-1001 stands out with its wide input voltage tolerance, ensuring steadfast performance even in the most volatile power conditions. Engineered for reliability in hostile environments where main supply quality fluctuates, the electro-mechanical servo-based voltage regulator series employs cutting-edge control technology. This series offers an unparalleled blend of features, delivering exceptional performance and protection coupled with remarkable versatility and unwavering reliability.

# AVR-1001

## 1-PHASE

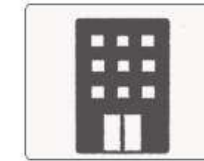
## 1kVA - 10kVA



### APPLICATIONS



Telecom



Office



IT Equipment

### TECHNICAL SPECIFICATION

| Order Code           | R100123223S                                   | R100323223S | R100523223S | R101023223S     |
|----------------------|-----------------------------------------------|-------------|-------------|-----------------|
| Capacity             | 1KVA                                          | 3KVA        | 5KVA        | 10KVA           |
| Control Method       | Servo Motor (Microprocessor CPU)              |             |             |                 |
| Input Rated Voltage  | 1 x 230VAC (1Phase + N)                       |             |             |                 |
| Voltage Range        | 230VC±20% (Optional: ±25,±30%)                |             |             |                 |
| Frequency            | 50/60 Hz                                      |             |             |                 |
| Output Rated Voltage | 1 x 230VAC (1phase + N)                       |             |             |                 |
| Stabilizing Accuracy | ±1~5% Adjustable                              |             |             |                 |
| Power Factor         | PF 0.8                                        |             |             |                 |
| Efficiency           | 98%                                           |             |             |                 |
| Waveform Distortion  | 1%                                            |             |             |                 |
| Over Voltage         | Power cut off in 3-5s if Output voltage >10%  |             |             |                 |
| Under Voltage        | Power cut off in 3-5s if Output voltage < 15% |             |             |                 |
| Overload             | Power cut off in 3-5s                         |             |             |                 |
| Short Circuit        | Power cut off                                 |             |             |                 |
| Noise                | <65dB/m                                       |             |             |                 |
| Ambient Temperature  | 0°C-45°C ( No condensation )                  |             |             |                 |
| Humidity             | 20%-90%                                       |             |             |                 |
| Size WxDxH (mm)      | 200x220x200                                   | 243x342x280 |             | 303 x 402 x 320 |
| Net Weight (KG)      | 7                                             | 14.5        | 18          | 30              |



### PRODUCT HIGHLIGHTS

- Fully Rated Capacity
- Output Accuracy
- SMT Technology
- Multi Info LCD Display
- Smart CPU Control Technology
- Overload, Under/Over Voltage, Short Circuit, Bypass Protection

The i-power Servo Voltage Regulators are designed to safeguard against main power sags, surges, and brownouts, making them indispensable in environments prone to supply inconsistencies. Among our lineup, the AVR-1001 stands out with its wide input voltage tolerance, ensuring steadfast performance even in the most volatile power conditions. Engineered for reliability in hostile environments where main supply quality fluctuates, the electro-mechanical servo-based voltage regulator series employs cutting-edge control technology. This series offers an unparalleled blend of features, delivering exceptional performance and protection coupled with remarkable versatility and unwavering reliability.

## 1-PHASE

## 20kVA - 30kVA

# AVR-1001

### APPLICATIONS



Telecom



Office



IT Equipment

### TECHNICAL SPECIFICATION

| Order Code           | R102023223S                                   | R103023223S |
|----------------------|-----------------------------------------------|-------------|
| Capacity             | 20KVA                                         | 30KVA       |
| Control Method       | Servo Motor (Microprocessor CPU)              |             |
| Input Rated Voltage  | 1 x 230VAC (1Phase + N)                       |             |
| Voltage Range        | 230VC±20% (Optional: ±25,±30%)                |             |
| Frequency            | 50/60 Hz                                      |             |
| Output Rated Voltage | 1 x 230VAC (1phase + N)                       |             |
| Stabilizing Accuracy | ±1~5% Adjustable                              |             |
| Power Factor         | 0.8                                           |             |
| Efficiency           | 98%                                           |             |
| Waveform Distortion  | 1%                                            |             |
| Over Voltage         | Power cut off in 3-5s if Output voltage >10%  |             |
| Under Voltage        | Power cut off in 3-5s if Output voltage < 15% |             |
| Overload             | Power cut off in 3-5s                         |             |
| Short Circuit        | Power cut off                                 |             |
| Noise                | <65dB/m                                       |             |
| Ambient Temperature  | 0°C-45°C ( No condensation )                  |             |
| Humidity             | 20%-90%                                       |             |
| Size WxDxH (mm)      | 400×400×590                                   | 400×470×750 |
| Net Weight (KG)      | 78                                            | 101         |

### PRODUCT HIGHLIGHTS

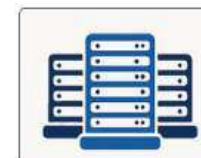
- Independent Phase Regulation
- Output Accuracy
- SMT Technology
- Multi Info LCD Display
- Smart CPU Control Technology
- Overload, Under/Over Voltage, Short Circuit, Bypass Protection

The i-power Servo Voltage Regulators offer comprehensive protection against main power fluctuations, including sags, surges, and brownouts. Specifically engineered for environments with inconsistent power supply, the AVR-1002 model boasts a broad input voltage tolerance, ensuring unparalleled reliability even in hostile conditions. Utilizing cutting-edge electro-mechanical servo technology, this regulator series guarantees exceptional performance & protection, characterized by versatility and outstanding reliability.

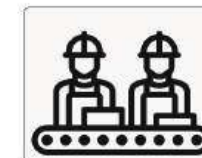
### APPLICATIONS



Telecom



Datacentre



Industrial  
Manufacturing

### TECHNICAL SPECIFICATION

| Order Code           | R300140240S                                   | R300340240S | R300540240S  | R300840240S  |
|----------------------|-----------------------------------------------|-------------|--------------|--------------|
| Capacity             | 10KVA                                         | 30KVA       | 50KVA        | 80KVA        |
| Control Method       | Servo Motor (Microprocessor CPU)              |             |              |              |
| Input Rated Voltage  | 3 x 400VAC (3Phase + N)                       |             |              |              |
| Voltage Range        | 400VC ±20% (Optional: ±25,±30%)               |             |              |              |
| Frequency            | 50/60 Hz                                      |             |              |              |
| Output Rated Voltage | 3 x 400VAC (3phase + N)                       |             |              |              |
| Stabilizing Accuracy | ±1~5% Adjustable                              |             |              |              |
| Power Factor         | PF 0.8                                        |             |              |              |
| Efficiency           | 98%                                           |             |              |              |
| Waveform Distortion  | 1%                                            |             |              |              |
| Over Voltage         | Power cut off in 3-5s if Output voltage >10%  |             |              |              |
| Under Voltage        | Power cut off in 3-5s if Output voltage < 15% |             |              |              |
| Overload             | Power cut off in 3-5s                         |             |              |              |
| Short Circuit        | Power cut off                                 |             |              |              |
| Noise                | <65dB/m                                       |             |              |              |
| Ambient Temperature  | 0°C-45°C ( No condensation )                  |             |              |              |
| Humidity             | 20%-90%                                       |             |              |              |
| Size WxDxH (mm)      | 340x400x770                                   | 390x500x820 | 450x670x1050 | 500x770x1250 |
| Net Weight (KG)      | 65                                            | 125         | 137          | 270          |

# AVR-1002

## 3-PHASE

## 10kVA - 80kVA



### PRODUCT HIGHLIGHTS

- Independent Phase Regulation
- Output Accuracy
- SMT Technology
- Multi Info LCD Display
- Smart CPU Control Technology
- Overload, Under/Over Voltage, Short Circuit, Bypass Protection

The i-power Servo Voltage Regulators offer robust protection against main power fluctuations, including sags, surges, and brownouts, making them ideal for environments prone to inconsistent power supply. Specifically engineered for reliability, the AVR-1002 boasts a broad input voltage tolerance, ensuring dependable performance even in hostile conditions where main supply quality is uncertain. This electro-mechanical servo-based voltage regulator series incorporates cutting-edge control technology, delivering unparalleled functionality and safeguarding against fluctuations with exceptional precision. With its versatility and remarkably high reliability, it stands out as a top choice for ensuring stable power supply in diverse settings.

# AVR-1002

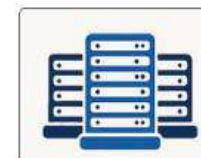
## 3-PHASE

## 100kVA - 3000kVA

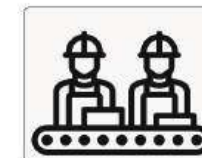
### APPLICATIONS



Telecom



Large  
Datacentre



Industrial  
Manufacturing

### TECHNICAL SPECIFICATION

| Order Code           | R301040240S                                                  | R308040240S    | R315040240S       | R330040240S        |
|----------------------|--------------------------------------------------------------|----------------|-------------------|--------------------|
| Capacity             | 100KVA                                                       | 800KVA         | 1500KVA           | 3000KVA            |
| Control Method       | Servo Motor (Microprocessor CPU)                             |                |                   |                    |
| Input Rated Voltage  | 3 x 400VAC (3Phase + N)                                      |                |                   |                    |
| Voltage Range        | 400VC $\pm 20\%$ (Optional: $\pm 25, \pm 30\%$ )             |                |                   |                    |
| Frequency            | 50/60 Hz                                                     |                |                   |                    |
| Output Rated Voltage | 3 x 400VAC (3phase + N)                                      |                |                   |                    |
| Stabilizing Accuracy | $\pm 1\sim 5\%$ Adjustable                                   |                |                   |                    |
| Power Factor         | PF 0.8                                                       |                |                   |                    |
| Efficiency           | 98%                                                          |                |                   |                    |
| Waveform Distortion  | 1%                                                           |                |                   |                    |
| Over Voltage         | Power cut off in 3-5s if Output voltage $> 10\%$             |                |                   |                    |
| Under Voltage        | Power cut off in 3-5s if Output voltage $< 15\%$             |                |                   |                    |
| Overload             | Power cut off in 3-5s                                        |                |                   |                    |
| Short Circuit        | Power cut off                                                |                |                   |                    |
| Noise                | $< 65\text{dB/m}$                                            |                |                   |                    |
| Ambient Temperature  | $0^{\circ}\text{C} - 45^{\circ}\text{C}$ ( No condensation ) |                |                   |                    |
| Humidity             | 20%-90%                                                      |                |                   |                    |
| Size WxDxH (mm)      | 650x1100x1200                                                | 1500x1600x2000 | 950 x 1200 x 2000 | 1800 x 1300 x 2200 |
| Net Weight (KG)      | 250                                                          | 1550           | 2600              | 6841               |



### PRODUCT HIGHLIGHTS

- Non-Contact Based Technology
- Output Accuracy
- Fast Response Against Voltage Fluctuations
- Multi Info LCD Display
- Smart CPU Control Technology
- Overload, Under/Over Voltage, Short Circuit, Bypass Protection

The i-power Static Voltage Regulators offer comprehensive protection against main power fluctuations, including sags, surges, and brownouts, making them indispensable for locations vulnerable to inconsistent power supply. Each stabilizer boasts a wide input voltage tolerance and is meticulously engineered to ensure unparalleled reliability, even in hostile environments where main supply quality is uncertain.

The Non-contact voltage regulator series represents the pinnacle of technological advancement, leveraging state-of-the-art DSP operation control technology, rapid AC sampling, precise values calibration, current zero-crossing switching, and swift compensating voltage stabilization.

## 1-PHASE

## 5kVA - 30kVA

# AVR-2001

### APPLICATIONS



Telecom



Office



IT Equipment

### TECHNICAL SPECIFICATION

| Order Code           | T100523223S                                   | T101023223S | T102023223S | T103023223S |
|----------------------|-----------------------------------------------|-------------|-------------|-------------|
| Capacity             | 5KVA                                          | 10KVA       | 20KVA       | 30KVA       |
| Control Method       | SCR/Non-Contact (Microprocessor CPU)          |             |             |             |
| Input Rated Voltage  | 1 x 230VAC (1Phase + N)                       |             |             |             |
| Voltage Range        | 230VC±20% (Optional: ±25,±30%)                |             |             |             |
| Frequency            | 50/60 Hz                                      |             |             |             |
| Output Rated Voltage | 1 x 230VAC (1Phase + N)                       |             |             |             |
| Stabilizing Accuracy | ±1~5% Adjustable                              |             |             |             |
| Power Factor         | PF 0.8                                        |             |             |             |
| Efficiency           | 98%                                           |             |             |             |
| Waveform Distortion  | 1%                                            |             |             |             |
| Over Voltage         | Power cut off in 3-5s if Output voltage >10%  |             |             |             |
| Under Voltage        | Power cut off in 3-5s if Output voltage < 15% |             |             |             |
| Overload             | Power cut off in 3-5s                         |             |             |             |
| Short Circuit        | Power cut off                                 |             |             |             |
| Noise                | <65dB/m                                       |             |             |             |
| Ambient Temperature  | 0°C-45°C ( No condensation )                  |             |             |             |
| Humidity             | 20%-90%                                       |             |             |             |
| Size WxDxH (mm)      | 280×550×300                                   |             | 350×600×400 |             |
| Net Weight (KG)      | 25                                            | 30          | 85          | 95          |



### PRODUCT HIGHLIGHTS

- Non-Contact Based Technology
- Output Accuracy
- Fast Response Against Voltage Fluctuations
- Multi Info LCD Display
- Smart CPU Control Technology
- Overload, Under/Over Voltage, Short Circuit, Bypass Protection

The i-power Static Voltage Regulators offer comprehensive protection against main power fluctuations, including sags, surges, and brownouts, making them indispensable for locations vulnerable to inconsistent power supply. Each stabilizer boasts a wide input voltage tolerance and is meticulously engineered to ensure unparalleled reliability, even in hostile environments where main supply quality is uncertain.

The Non-contact voltage regulator series represents the pinnacle of technological advancement, leveraging state-of-the-art DSP operation control technology, rapid AC sampling, precise values calibration, current zero-crossing switching, and swift compensating voltage stabilization.

# AVR-2002

## 3-PHASE

## 5kVA - 30kVA

### APPLICATIONS



Telecom



Office



IT Equipment

### TECHNICAL SPECIFICATION

| Order Code           | T100523223S                                   | T101023223S | T102023223S | T103023223S |
|----------------------|-----------------------------------------------|-------------|-------------|-------------|
| Capacity             | 5KVA                                          | 10KVA       | 20KVA       | 30KVA       |
| Control Method       | SCR/Non-Contact (Microprocessor CPU)          |             |             |             |
| Input Rated Voltage  | 1 x 230VAC (1Phase + N)                       |             |             |             |
| Voltage Range        | 230VC±20% (Optional: ±25,±30%)                |             |             |             |
| Frequency            | 50/60 Hz                                      |             |             |             |
| Output Rated Voltage | 1 x 230VAC (1Phase + N)                       |             |             |             |
| Stabilizing Accuracy | ±1~5% Adjustable                              |             |             |             |
| Power Factor         | PF 0.8                                        |             |             |             |
| Efficiency           | 98%                                           |             |             |             |
| Waveform Distortion  | 1%                                            |             |             |             |
| Over Voltage         | Power cut off in 3-5s if Output voltage >10%  |             |             |             |
| Under Voltage        | Power cut off in 3-5s if Output voltage < 15% |             |             |             |
| Overload             | Power cut off in 3-5s                         |             |             |             |
| Short Circuit        | Power cut off                                 |             |             |             |
| Noise                | <65dB/m                                       |             |             |             |
| Ambient Temperature  | 0°C-45°C ( No condensation )                  |             |             |             |
| Humidity             | 20%-90%                                       |             |             |             |
| Size WxDxH (mm)      | 280×550×300                                   | 350×600×400 |             |             |
| Net Weight (KG)      | 25                                            | 30          | 85          | 95          |



### PRODUCT HIGHLIGHTS

- Non-Contact Based Technology
- Output Accuracy
- Fast Response Against Voltage Fluctuations
- Multi Info LCD Display
- Smart CPU Control Technology
- Overload, Under/Over Voltage, Short Circuit, Bypass Protection

The i-power Static Voltage Regulators offer robust protection against main power fluctuations, such as sags, surges, and brownouts, making them indispensable for locations susceptible to inconsistent power supply. Each stabilizer features a wide input voltage tolerance and is meticulously engineered to ensure utmost reliability, particularly in hostile environments where the quality of the main supply is uncertain.

Our Non-contact voltage regulator series leverages cutting-edge DSP operation control technology, rapid AC sampling, precise values calibration, current zero-crossing switching, and fast compensating voltage stabilizing technology.

# AVR-2002

## 3-PHASE

## 300kVA - 3000kVA

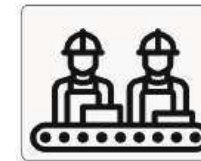
### APPLICATIONS



Telecom



Large  
Datacentre

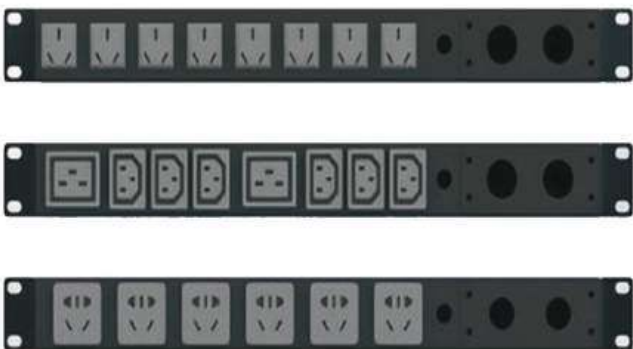


Industrial  
Manufacturing

### TECHNICAL SPECIFICATION

| Order Code           | T303040240S                                              | T308040240S    | T315040240S    | T330040240S      |
|----------------------|----------------------------------------------------------|----------------|----------------|------------------|
| Capacity             | 300KVA                                                   | 800KVA         | 1500KVA        | 3000KVA          |
| Control Method       | SCR/Non-Contact (Microprocessor CPU)                     |                |                |                  |
| Input Rated Voltage  | 3 x 400VAC (3phase + N) (Optional: 380/415)              |                |                |                  |
| Voltage Range        | 400VC $\pm 20\%$ (Optional: $\pm 25, \pm 30\%$ )         |                |                |                  |
| Frequency            | 50/60 Hz                                                 |                |                |                  |
| Output Rated Voltage | 3 x 400VAC (3phase + N) (Optional: 380/415)              |                |                |                  |
| Stabilizing Accuracy | $\pm 1 \sim 5\%$ Adjustable                              |                |                |                  |
| Power Factor         | PF 0.8                                                   |                |                |                  |
| Efficiency           | 98%                                                      |                |                |                  |
| Waveform Distortion  | 1%                                                       |                |                |                  |
| Over Voltage         | Power cut off in 3-5s if Output voltage $> 10\%$         |                |                |                  |
| Under Voltage        | Power cut off in 3-5s if Output voltage $< 15\%$         |                |                |                  |
| Overload             | Power cut off in 3-5s                                    |                |                |                  |
| Short Circuit        | Power cut off                                            |                |                |                  |
| Noise                | $< 65\text{dB/m}$                                        |                |                |                  |
| Ambient Temperature  | $0^\circ\text{C} - 45^\circ\text{C}$ ( No condensation ) |                |                |                  |
| Humidity             | 20%-90%                                                  |                |                |                  |
| Size WxDxH (mm)      | 1050x700x1500                                            | 1500x1000x1950 | 1500x1300x1950 | 1500x 1000x 2000 |
| Net Weight (KG)      | 50                                                       | 1200           | 2250           | 7900             |

# Additional Components



## PRODUCT HIGHLIGHTS

- Priority Source Selection
- Advanced Communications
- Auto-Restart
- Rackmount Design
- Fast Load Transfer
- Tested and Verified

i-power's single-phase Static Transfer Switches (STS) seamlessly manage power supply transitions between independent single-phase current sources. Should one source feeder encounter interruptions or abnormal conditions, the critical load swiftly shifts to the alternate power source without disruption to connected devices. With an exceptionally rapid load transfer, typically spanning just 1/4 of a cycle, i-power STS ensures uninterrupted operation, even for the most sensitive electronic equipment. This high-speed transfer capability safeguards against downtime, reinforcing the reliability and continuity of your critical systems.

# STS

## 1-PHASE Rack-Mountable

# Additional Components

## APPLICATIONS



Computer Equipment



Telecom



Office



Networking Equipment

## TECHNICAL SPECIFICATION

|                             |                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------|
| Order Code                  | STS22016 / STS22032                                                                    |
| Rated Voltage               | 220V                                                                                   |
| Max Output Current          | 16A or 32A                                                                             |
| Output Connection           | 8 Amp C13 or 8 Amp (international/universal) C20 without output cable; Or IEC-309-1 6A |
| Overall Efficiency (AC-AC)  | >85%                                                                                   |
| Transfer Time               | Default 2 ms ( High sensitivity 50-60 Hz; Max 6 ms ( Low sensitivity 50-60 Hz)         |
| Rated Short Circuit Current | 10 KA                                                                                  |
| INPUT SPECIFICATION         |                                                                                        |
| Rated Voltage               | 220                                                                                    |
| Input Frequency Range       | 50/60Hz                                                                                |
| Input Connection            | C20 or IEC-309-1 6A                                                                    |
| Load Capacity               | 3520 VA or 7040 VA                                                                     |
| Maximum Input Current       | 16A or 32A                                                                             |
| PHYSICAL SPECIFICATION      |                                                                                        |
| Dimension (W*D*H)           | 435*235* 44mm                                                                          |
| Height                      | 1U                                                                                     |
| Net Weight                  | C20 : 3.8kg; IEC-309-1 6A/32A : 6.2kg                                                  |
| ENVIRONMENTAL SPECIFICATION |                                                                                        |
| Working Temp.               | -5 - 45 °C                                                                             |
| Working Humidity            | 5 - 95 % non-condensing                                                                |
| Altitude                    | 0-3000m                                                                                |
| Storage Temp.               | -25 - 65 °C                                                                            |
| Storage Humidity            | 5 - 95 % non-condensing                                                                |

# Additional Components



## PRODUCT HIGHLIGHTS

- Monitoring Systems Boast Self-Evaluation, Diagnostic, and Alarm Functionalities
- Designed For Long-Run UPS Systems. MTBF is Upto 200K
- Full Isolation Between The Monitoring Systems and Devices
- Real-Time Simultaneous Monitoring Optimizes Cost Savings For Customers

The SNMP Series is a monitoring and management system specifically designed for the Net Manager card. Its primary function is to collect and manage data via SNMP adapters. Equipped with multi-threading technology, it efficiently handles large volumes of data for analysis and processes commands to control all UPS systems seamlessly. With its comprehensive capabilities, it serves as a robust system for managing and controlling networks.

**SNMP  
ADAPTER**

**RU620 / RU621**

# Additional Components

## APPLICATIONS



**Networking  
Equipment**

## TECHNICAL SPECIFICATION

|                                                                                                      |                                        |
|------------------------------------------------------------------------------------------------------|----------------------------------------|
| Model                                                                                                | NetManager CRU620                      |
| Communication Protocols                                                                              | TCP/IP, UDP, SNMP, HTML, SMTP, SNTP    |
| Network Port                                                                                         | RJ45 10/100M                           |
| Web Browser Capability                                                                               | IE, Google, Firefox and other browsers |
| Input Voltage                                                                                        | 5Vdc-12Vdc                             |
| Power Consumption                                                                                    | <2W                                    |
| Working Temp                                                                                         | 0-45°C                                 |
| Rated Voltage                                                                                        | 0-90%                                  |
| Product image and technical specifications are for reference and could be change without any notice. |                                        |

# Additional Components



## PRODUCT HIGHLIGHTS

- Extended-Run Battery Systems Provide Flexible Runtime To Critical Applications
- Supports 2U Rack-Mount Installation
- Simple & Easy Installation
- Package Includes Batteries and Interconnect DC Cables
- Mounting Brackets Included

The i-power rack-mount external battery pack provides extended battery runtime when utilized alongside expandable i-power rack-mountable UPS systems. Featuring heavy gauge cabling and a high-current DC connector, it ensures safe and straightforward installation. Additionally, included mounting accessories facilitate easy 2U rack-mount installation. Compatible with various series and models of i-power UPS Systems, it accommodates different VDC requirements ranging from 24VDC to 240VDC.

## External Rack-Mountable Battery Pack

96VDC / 192VDC / 240VDC

# Additional Components

## APPLICATIONS



UPS

## TECHNICAL SPECIFICATION

|                                   |                                                    |                      |                      |
|-----------------------------------|----------------------------------------------------|----------------------|----------------------|
| Model                             | BP-96-07S                                          | BP-192-07S           | BP-240-07S           |
| Capacity(Max)                     | 96VDC – 7/9Ah                                      | 192VDC – 7/9Ah       | 240VDC – 7/9Ah       |
| PHYSICAL SPECIFICATION            |                                                    |                      |                      |
| Material of Construction          | Steel                                              |                      |                      |
| External Battery Pack Form Factor | Standard 19" Rack Type                             |                      |                      |
| INPUT SPECIFICATION               |                                                    |                      |                      |
| Input Phase                       | For Single & Three Phase UPS Systems               |                      |                      |
| BATTERY SPECIFICATION             |                                                    |                      |                      |
| Battery Type                      | VRLA Sealed Lead Acid Maintenance Free             |                      |                      |
| DC System Voltage (VDC)           | 96VDC                                              | 192VDC               | 240VDC               |
| AH Capacity                       | 7/9Ah                                              |                      |                      |
| Standard Charging Time            | 4-6 Hours to 90% (Depends on UPS charging current) |                      |                      |
| Qty in Series                     | 8                                                  | 16                   | 20                   |
| ENVIRONMENTAL SPECIFICATION       |                                                    |                      |                      |
| Operating Temp                    | 0 - 40 °C                                          |                      |                      |
| Storage Temperature               | -15 - 45 °C                                        |                      |                      |
| PHYSICAL CHARACTERISTICS          |                                                    |                      |                      |
| Height                            | 2U                                                 |                      |                      |
| Dimensions (D×W×H) mm             | 88 x 438 x 480 (19")                               | 88 x 438 x 680 (19") | 88 x 438 x 860 (19") |
| Weight (with full capacity)       | 24.7Kg (Max)                                       | 47.9Kg (Max)         | 57.3Kg (Max)         |

# Additional Components



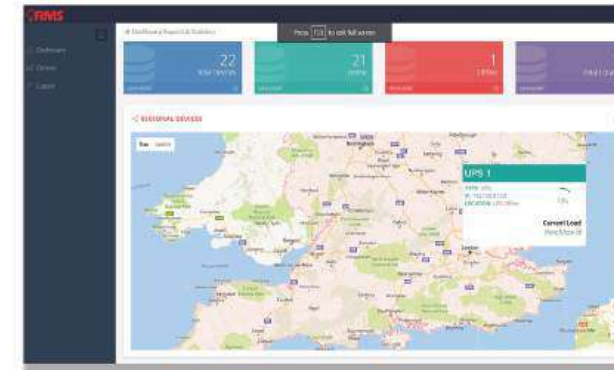
## PRODUCT HIGHLIGHTS

- Continuous Online Monitoring, Operating 24/7, Enables Instant Insight into Battery Performance
- Online Battery Equalization Technology
- Simple & Easy Installation
- Advanced Power Consumption Reduction Technology, Current as Low as 3mA
- Each Module Monitors One Battery, Tracking Voltage, Internal Resistance, and Negative Electrode Temperature

The Battery Online Monitoring System stands as an industry-leading product, offering advanced battery monitoring capabilities that provide early warning and ensure battery balance in accordance with the ANSI/TIA-942 standard. The system monitors battery voltage, internal resistance, and internal temperature, surpassing similar offerings from other manufacturers and securing a leading position within the industry. Comprising TL, TC, and convergence modules, it enables functionalities such as alarm querying, real-time data monitoring, parameter setting, and centralized network management through a selection of monitoring platforms.

POWERED BY  
**i-POWER**

# Additional Components



| All Devices |      |               |            |       |                                                                                                                                                                             |
|-------------|------|---------------|------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device Name | Make | Serial Number | Location   | Model | Actions                                                                                                                                                                     |
| UPS 1       | 2010 | 20200176      | UPS Office | 1000A |   |
| UPS 2       | 2010 | 20200176      | UPS Office | 800A  |   |

## PRODUCT HIGHLIGHTS

- Complex Power Supply Management Made Easy to Use
- Group Display Capability
- Alarms And Events Notification System
- Multiple Network Monitoring Stations Via Web Browser
- Graphical Statistical Evaluation
- High Performance Log Book

The i-power RMS stands as a comprehensive remote monitoring and management software system designed to oversee UPS and other power supply devices. Capable of managing devices both on-site and remotely, it provides a centralized platform for monitoring multiple devices. The solution collects critical operational data from all registered devices and presents it through a dynamic dashboard, offering users a complete overview of device operations and health, including access to historical data.

Remote  
Management  
System (RMS)

POWERED BY  
**i-POWER**

# Customer Services



With a distinguished history of technical excellence, i-power has consistently stood as the foremost provider of exceptional support and services in the power industry. Committed to meeting the unique demands of our clients, we endeavor to deliver holistic power management solutions complemented by unparalleled pre and post-sales support. Our comprehensive services extend to all makes and models of Uninterruptible Power Supplies (UPS), Automatic Voltage Regulators (AVR), and Inverters.

## WHY CHOOSE US?

**Reliability** - Our team of qualified engineers is available around the clock to support your UPS system, ensuring power quality and availability for even the most critical loads.

**High Performance** - Our competitive edge stems from our capability to deliver high-value added power backup solutions and services to both end users and business partners.

**Customer Centric** - We provide an extensive array of tailored solutions and services designed to precisely meet the diverse requirements of our customers

- Technical pre-sales support
- Factory acceptance test
- Supervision of installation, testing, and commissioning, site acceptance test
- On-site training
- Site audit
- Annual maintenance contract

# Customer Services

## WE SUPPORT



### **SITE INSPECTION, INSTALLATION SUPERVISION.**

We conduct a comprehensive assessment of the UPS environment to guarantee safety & fault-free operation. Our team of technical experts provides manufacturers' recommendations to site engineers or electrical contractors and oversees the UPS installation process before powering up the load.

### **SITE TEST, COMMISSIONING.**

Our service engineers conduct rigorous site tests and complete setup of the UPS system prior to deployment. Additionally, they perform site acceptance tests tailored to your specific requirements

## WE TRAIN



### **TRAINING**

We offer on-site training to ensure the safe and efficient operation of your equipment. Additionally, troubleshooting courses are available upon request, providing intensive hands-on practice with UPS training equipment. Our engineers are trained to the highest standards and stay up-to-date with industry standards

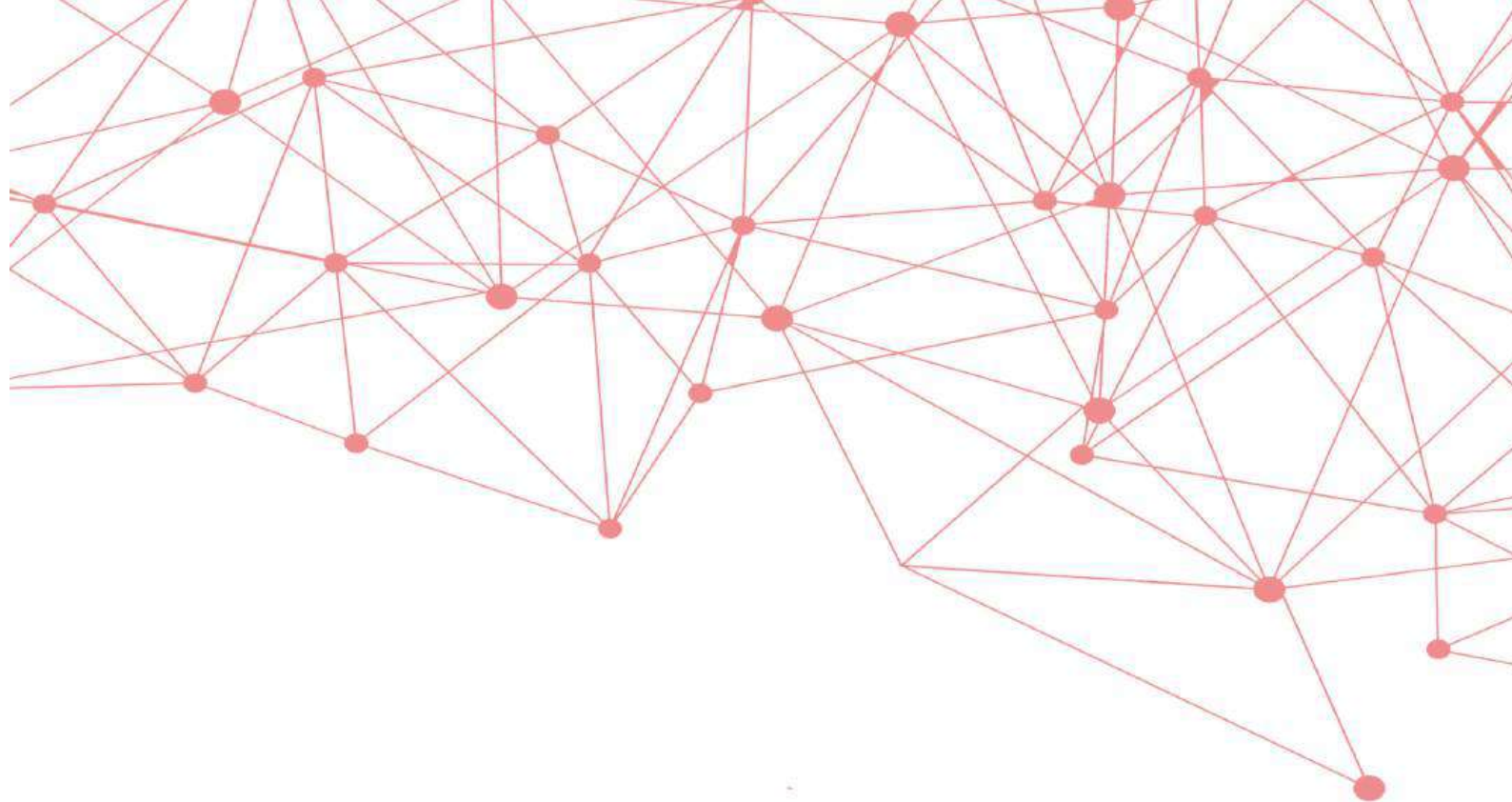
## WE MAINTAIN



### **MAINTENANCE**

Electronic equipment and power systems, such as UPS, are comprised of life-limited components and parts that necessitate replacement according to the manufacturer's specifications. Timely replacement of these components is essential to ensure optimal performance and reliability. Implementing a Preventive Maintenance Plan is one of the most cost-effective strategies to safeguard your initial investment and maintain uninterrupted business continuity.

In the event of an emergency call, we ensure rapid intervention by deploying engineers and spare parts to your location. This guarantees minimal downtime and swift resolution of issues.



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