

Master Series

3 Phase Input 1 Phase Output On-Line UPS
6KVA-30KVA



The Master Series transformer based on-line Double Conversion UPS's are best know for their durability and performance. When sized correctly, these units are able to drive motors, air conditioners, copiers and large networks as well as provide the ultimate protection against surges, dips, blackouts and lightning. With a lifespan of over 15 years, see this as an investment for your company.

FEATURES

- Three phase in, one phase out
- True on-line double conversion design providing full power protection
- IGBT inverter design
- Wide input voltage window
- Pure sine wave output with less than 3% THD
- Expandable backup run time
- Generator compatible
- Cold start
- Load/Battery power meter display
- Overload, on-line, battery status
- LED/LCD display
- Advanced Battery Management
- Automatically charging in UPS off mode
- Smart RS-232 communication
- Optional SNMP card

PANELS

LCD Functions

Output voltage
Output load
Battery voltage
Output frequency

- 1 LCD
- 2 Output indicator
- 3 Fault indicator
- 4 Battery energy indicator
- 5 Overload indicator
- 6 Bypass indicator
- 7 On switch
- 8 Off switch
- 9 Display switch button
- 10 Input indicator



APPLICATION

Mission Critical Processes, Computer Rooms, Networking Equipment



Telephone Systems



Computer



Servers



Camera Surveillance



Point of Sale



Gates



Industrial



Specifications

| | |
|--------------------------|---|
| Model | M10 |
| Capacity | 10KVA/8KW |
| Input | |
| Phase | 3 phase & Ground |
| Voltage Range | 400 or 415V \pm 20% |
| Frequency | 50Hz \pm 5% |
| Max. Current | 16A |
| Output | |
| Phase | Single Phase & Ground |
| Voltage Range | 230V \pm 1% |
| Wave Form | Sine wave |
| Frequency | 50Hz \pm 0.5% |
| THD (Linear Load) | <3% |
| Power Factor | 0.8 |
| Overload Capacity | Overload (110%-150%), 20s later go to bypass, automatically resume when load becomes normal |
| Short Circuit Protection | current limit, turn off automatically, switch protect |
| Communication | |
| Interface | RS232 |
| Battery | |
| DC Voltage | 192VDC |
| Max. Charge Current | 5A |
| Efficiency | |
| Whole Unit | >85% |
| Transfer Time | |
| Mains to Inverter | 0ms |
| Panel Indication | |
| LCD | input/output voltage, input frequency, battery voltage, load capacity |
| LED | low battery, on-line, inverter, bypass, abnormal |
| Environment | |
| Temperature | 0-40 °C |
| Humidity | 0-90% (non-condensing) |
| Noise | <58dB |
| Other | |
| Net/Gross Weight (kg) | 155/185 |
| Dimensions (WxDxH)mm | 310 x 590 x 870 |

