

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	M6	M10	M15	M20	M25	M30
Capacity	6KVA/4.8KW	10KVA/8KW	15KVA/12KW	20KVA/16KW	25KVA/20KW	30KVA/24KW
Input						
Phase	3 phase & Ground					
Voltage Range	400 or 415V \pm 20%					
Frequency	50Hz \pm 5%					
Max. Current	10A	16A	24A	32A	40A	56A
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			240VDC		
Max. Charge Current	5A			6A		
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)	118/148	155/185	262/302	297/337	326/366	336/376
Dimensions (WxDxH)mm	310 x 590 x 870			725 x 430 x 1180		

