



HOME UPS

MI1000 / MI1600



PURE
SINE WAVE
UPS

- DSP technology for fast & smooth charging
- Auto sense intelligent charging (ASIC) adjustment
- Highly robust & reliable
- Ideal for computer
- Wide charging voltage range
- Home appliance friendly
- Green power function for energy saving
- Compact design





Specifications	MI1000	MI1600
Voltage Range	180 VAC - 265 VAC \pm 5 VAC (UPS Mode) 100 VAC - 280 VAC \pm 15 VAC (NOR Mode)	
Line Low Detection	180V \pm 5V (UPS Mode) / 100V \pm 15V (NOR Mode)	
Line Low Comeback	190V \pm 5V (UPS Mode) / 110V \pm 10V (NOR Mode)	
Line High Detection	265V \pm 5V (UPS Mode) / 280V \pm 15V (NOR Mode)	
Line High Comeback	255V \pm 5V (UPS Mode) / 270V \pm 10V (NOR Mode)	
Frequency Transfer	Input Frequency 45-55 Hz	
Characterstics (AC)		
Inverter Full Load Power	640 W	1200 W
Power Factor	0.8 factor (on resistive load)	
On-Line Mode	Sine Wave	
Battery Mode	Sine Wave	
On-Line Output voltage	Follow the Line Voltage	
Battery Mode Output Voltage	200 VAC \pm 10%	
Transfer Time (No-Load)	<15 ms	
Frequency at Battery Mode	50 Hz \pm 1 Hz	
Characterstics (DC)		
DC Supply Voltage	12 V	24 V
Battery Floating Charge Voltage	13.5 VDC \pm 0.2 VDC	27.0 VDC \pm 0.4 VDC
Charge Current	<15 A	
Battery Voltage Low Alarm	10.6 VDC \pm 0.2 VDC	21.2 VDC \pm 0.4 VDC
Battery Discharge Protection	10.4 VDC \pm 0.2 VDC	20.8 VDC \pm 0.4 VDC
Over Charge Protection	> 15 VDC \pm 0.2 VDC	> 30 VDC \pm 0.4 VDC
Color Box Parameters	15.5x14x8.8 (LxWxH) Inch	20x16.5x10.6 (LxWxH) Inch
Weight	10.7 (Kg)	17.2 (Kg)

Features

- DSP technology for fast & smooth charging
- Auto sense intelligent charging (ASIC) adjustment
- Highly robust & reliable Ideal for computer
- User selectable charging current
- Generator compatible
- Wide charging voltage range
- Home appliance friendly
- Environment friendly
- Battery Management
- Negligible battery water loss
- Compact design

Alarm & Indicators

- Low Battery Warning
- Overload Warning
- Main fuse blown protection
- Over Temperature protection
- Short circuit protection
- Backup on indicator
- Charging/ Charged Indicator