

# Mighty Inverter



- 850VA/1.5K VA simulated sine wave inverter
- Selectable input voltage range for home appliances or personal computers
- 12VDC or 24VDC available
- Selectable charging current : 10A or 20A
- Auto restart while AC is recovering
- Overload and short circuit protection
- Generators & Computer-related devices compatible
- Offering LED and LCD panels for selection

MODEL	Mighty 1000	Mighty 2K
CAPACITY	1000 VA / 700 W	2000 VA / 1400 W
<b>INPUT</b>		
Voltage	120 VAC or 230 VAC	
Selectable Voltage Range	90-145 VAC / 180-260 VAC (For Personal Computers) 50-160 VAC / 100-300 VAC (For Home Appliances)	
Frequency Range	50/60 Hz (Auto sensing)	
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)	120VAC $\pm$ 10% or 230VAC $\pm$ 10%	
Transfer Time	20 ms max.	
Waveform (Batt. Mode)	Simulated Sinewave	
<b>BATTERY</b>		
Battery Voltage	12 VDC	24VDC
Floating Charge Voltage	13.7 VDC $\pm$ 2%	27.4 VDC $\pm$ 2%
Low Battery Alarm Voltage	10.2 VDC $\pm$ 2%	20.4 VDC $\pm$ 2%
Shutdown Voltage	9.9 VDC $\pm$ 2%	19.8 VDC $\pm$ 2%
Overcharge Protection	15.0 VDC $\pm$ 2%	30.0 VDC $\pm$ 2%
Maximum Charge Current	10 A or 20 A	
<b>PROTECTION</b>		
Full Protection	Overload and short circuit protection	
<b>INDICATORS</b>		
Line Mode	Green lighting	
Battery Mode	Yellow flashing	
Fault	Red lighting	
<b>ALARM</b>		
Low Battery	Sounding every second	
Overload	Sounding every 0.5 second	
Battery Replacement	Sounding every 2 seconds	
Fault	Continuously sounding	
<b>PHYSICAL</b>		
Dimension, D x W x H (mm)	289 x 290 x 127	
Net Weight (kgs)	6.99	10
<b>ENVIRONMENT</b>		
Humidity	0 to 90% Relative Humidity (Non-condensing)	
Operating Temperature	0°C to 40°C	
Storage Temperature	-15°C to 70°C	

Product specifications are subject to change without further notice