

Mighty Inverter



- 1KVA / 2KVA 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

Inverter/Charger

MODEL	Mighty 1000	Mighty 2K
CAPACITY	1000 VA / 600W	2000 VA / 1050 W
INPUT		
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)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	120VAC ± 10% or 230VAC ± 10%	
Transfer Time	20 ms max.	
Waveform (Batt. Mode)	Simulated Sinewave	
BATTERY		
Battery Voltage	12 VDC	24VDC
Floating Charge Voltage	13.7 VDC ± 2%	27.4 VDC ± 2%
Low Battery Alarm Voltage	10.2 VDC ± 2%	20.4 VDC ± 2%
Shutdown Voltage	9.9 VDC ± 2%	19.8 VDC ± 2%
Overcharge Protection	15.0 VDC ± 2%	30.0 VDC ± 2%
Maximum Charge Current	10 A or 20 A	
PROTECTION		
Full Protection	Overload and short circuit protection	
INDICATORS		
Line Mode	Green lighting	
Battery Mode	Yellow flashing	
Fault	Red lighting	
ALARM		
Low Battery	Sounding every second	
Overload	Sounding every 0.5 second	
Battery Replacement	Sounding every 2 seconds	
Fault	Continuously sounding	
PHYSICAL		
Dimension, D x W x H (mm)	289 x 290 x 127	
Net Weight (kgs)	6.99	10
ENVIRONMENT		
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

