

Inverter



- Simulated sine wave inverter
- Sensitivity selector (UPS mode & inverter mode)
- Multiple display options: horizontal, vertical, and wall mount
- 12VDC or 24VDC available
- 10A / 20A standard charging current
- Auto restart while AC is recovering
- Overload and short circuit protection
- Adjustable battery charging voltage
- Generators & Computer-related devices compatible
- Three indicators available
- Cold start function
- Built-in solar charger (Option)

INVERTER SERIES SELECTION GUIDE

MODEL	1K	1.2K	2K	2.4K
CAPACITY	1000 VA / 600W	1200 VA / 720W	2000 VA / 1200W	2400 VA / 1440W
INPUT				
Voltage	220/230/240 VAC			
Acceptable Voltage Range	162-290 VAC			
Frequency Range	50 Hz			
OUTPUT				
Voltage Regulation	±10%			
Frequency Range	50 Hz ± 1 Hz			
Transfer Time (Typical)	10 ms			
Waveform (Batt. Mode)	Simulated Sine Wave			
Peak Efficiency (AC Mode)	> 95% @ Rated R load and battery full charged			
BATTERY				
Battery Voltage	12 VDC	12 VDC	12 VDC	24 VDC
Floating Charge Voltage	13.4 VDC ± 2%		26.8 VDC ± 2%	
Low Battery Alarm Voltage	10.5 VDC ± 2%		21.0 VDC ± 2%	
Shutdown Voltage	10.0 VDC ± 2%		20.0 VDC ± 2%	
Overcharge Protection	15.0 VDC ± 2%		30.0 VDC ± 2%	
Maximum Charge Current	10 A	10 A or 20 A	10 A	10 A or 20 A
PROTECTION				
Full Protection	Overload and short circuit protection			
INDICATORS				
LED Display	Three LEDs indicating line mode, battery mode, charging mode,			
ALARM				
Low Battery	Sounding every 2 seconds			
Overload	Sounding every 0.5 second			
Over-temperature	Continuously sounding			
Fault	Continuously sounding			
PHYSICAL				
Dimension, DxWxH(mm)	293 X 231.5 X 82.5			
Net Weight (kgs)	2.35	2.35	2.55	2.55
ENVIRONMENT				
Humidity	0 to 90% Relative Humidity (Non-condensing)			
Operating Temperature	0° C to 40° C			
Storage Temperature	-15° C to 50° C			

* Product specifications are subject to change without further notice



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