

HOME

Features:

- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- Selectable charging current
- Auto restart while AC is recovering
- Simulated sine wave
- Off-mode charging
- Cold start function



Specifications

Model	Home 1000
Capacity	1000 VA / 600 W
Input	
Voltage	230 VAC
Voltage Range	140-300 VAC
Frequency Range	50 Hz
Output	
AC Voltage Regulation (Batt. Mode)	$\pm 10\%$
Frequency Range (Batt. Mode)	50 Hz ± 1 Hz
Transfer Time	Typical 4-8 ms
Waveform (Batt. Mode)	Simulated Sine Wave
Battery	
Battery Voltage	12 VDC
Floating Charge Voltage	13.7 VDC $\pm 2\%$
Maximum Charge Current	5A/10A/15A/20A (Adjustable from manufacturer)
Indicators	
AC Mode	Green lighting
Battery Mode	Yellow flashing
Fault	Red lighting
Protection	
Full Protection	Overload, discharge, and overcharge protection
Alarm	
Low Battery	Sounding every second
Overload	Sounding every 0.5 second
Battery Replacement Alarm	Sounding every 2 seconds
Fault	Continuously sounding
Physical	
Dimension, D X W X H (mm)	395 x 145 x 220
Net Weight (kgs)	9.0
Operating Environment	
Humidity	0-90 % RH @ 0- 40°C (non-condensing)
Noise Level	Less than 40dB

* Product specifications are subject to change without further notice