

Pure Sine Wave Solar Inverter

JUNIOR GREEN POWERBOX

SCPV-1KVA



- Pure sine wave inverter
- Selectable input voltage range for home appliances and personal computers
- Adjustable battery charging current based on Battery Bank
- Configurable AC/Solar Charger priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

Rated Power	1000 VA / 800 W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home appliances)
Frequency Range	50 Hz/60Hz (Auto Sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC \pm 15%
Surge power	2000 VA
Peak Efficiency	93%
Transfer Time	10 ms (For Personal Computers) ; 20ms (For Home Appliances)
Waveform	Pure Sine Wave
BATTERY	
Battery Voltage	12 VDC
Floating Charge Voltage	13.5 VDC
Low Battery Alarm Voltage	10.5 VDC
Shutdown Voltage	10 VDC
Overcharge Protection	15 VDC
Maximum Charge Current	10 A or 20 A Selectable
SOLAR CHARGER	
Charging Current	50 A max
Maximum PV Array	125 VDC
Standby Power Consumption	1 W
Physical	
Dimension, D x W x H (mm)	92 x 272 x 347
Net Weight (kgs)	4.0
Operating Environment	
Humidity	5% to 95% Relative Humidity (Non Condensing)
Operating Temperature	0°C to 55°C
Storage Temperature	-15°C to 60°C
*Product specifications are subject to change without further notice	