

Pure Sine Wave Solar Inverter

JUNIOR GREEN POWERBOX

SCPV-2KVA



- Pure sine wave inverter
- Selectable input voltage range for home appliances and personal computers
- Adjustable battery charging current to suit 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	2000 VA / 1600 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	4000 VA
Peak Efficiency	93%
Transfer Time	10 ms (For Personal Computers) ; 20ms (For Home Appliances)
Waveform	Pure Sine Wave
BATTERY	
Battery Voltage	24VDC
Floating Charge Voltage	27 VDC
Low Battery Alarm Voltage	21 VDC
Shutdown Voltage	20 VDC
Overcharge Protection	30 VDC
Maximum Charge Current	20 A or 30 A
SOLAR CHARGER	
Charging Current	50 A
PV Array Maximum Power Point Voltage	36V
Maximum PV Array Voltage	125 VDC
Maximum PV Array Size	1800W
Standby Power Consumption	2W
Physical	
Dimension, D x W x H (mm)	92 x 272 x 347
Net Weight (kgs)	4.5
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