

# Pure Sine Wave Solar Inverter

## JUNIOR GREEN POWERBOX

### SCPV-4000W



- Pure sine wave inverter
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Parallel operation with up to 4 units available July 2014
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

Rated Power	5000 VA / 4000 W
<b>INPUT</b>	
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)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230 VAC $\pm$ 15%
Surge power	10000 VA
Efficiency (Peak)	92%
Transfer Time	10 ms (For Personal Computers) ; 20ms (For Home Appliances)
Waveform	Pure Sine Wave
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	60 VDC
Maximum Charge Current	20 A or 30 A
<b>SOLAR CHARGER (OPTION)</b>	
Charging Current	50 A
Maximum PV Array Open Circuit Voltage	90 VDC
Standby Power Consumption	2 W
<b>Physical</b>	
Dimension, D x W x H (mm)	120 x 295 x 468
Net Weight (kgs)	9.8
<b>Operating Environment</b>	
Humidity	5% to 95% Relative Humidity (Non Condensing)
Operating Temperature	0°C – 55°C
Storage Temperature	-15°C to 60°C
*Typical transfer time for parallel operation is 30ms.	
*Product specifications are subject to change without further notice	