

# Pure Sine Wave Solar Inverter

## JUNIOR GREEN POWERBOX

### SCPV-3KVA



- 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	3000 VA / 2400 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	6000 VA
Peak Efficiency	93%
Transfer Time	10 ms (For Personal Computers) ; 20ms (For Home Appliances)
Waveform	Pure Sine Wave
<b>BATTERY</b>	
Battery Voltage	24 VDC
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 Selectable
<b>SOLAR CHARGER</b>	
Charging Current	50 A max
PV Array Maximum Power point Voltage	36 VDC
Maximum PV Array Voltage	125 VDC
Maximum PV Array Size	1800W
Standby Power Consumption	2 W
<b>Physical</b>	
Dimension, D x W x H (mm)	92 x 272 x 347
Net Weight (kgs)	5.0
<b>Operating Environment</b>	
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	