



## **X1200 / X2400**

**BUILT-IN 50A MPPT SOLAR CHARGER**

### **FEATURES**

- Simulated sine wave inverter
- Built-in 50A MPPT solar Charger
- Compatible with Lithium-Ion Battery
- Selectable output source priority via LCD setting
- Wide input voltage range 90-280 VAC
- Overload and short circuit protection
- Combines LCD display and LED indicator
- For comprehensive information



## Technical Data

SPECIFICATIONS		
MODEL	X1200	X2400
<b>CAPACITY</b>	900W	1600W
<b>INPUT</b>		
Voltage	230 VAC	230 VAC
Selectable Voltage Range	90-280 VAC	90-280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)	230 VAC ± 10%	230 VAC ± 10%
Efficiency (Peak)	82%, 85%	82%, 85%
Transfer Time	20 ms	20 ms
Waveform	Simulated Sine Wave	Simulated Sine Wave
<b>BATTERY</b>		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.7 VDC ± 0.5 VDC	27.4 VDC ± 0.5 VDC
Overcharge Protection	15.0VDC ± 0.5 VDC	30.0VDC ± 1 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger Type	<b>MPPT</b>	<b>MPPT</b>
Maximum PV Array Open Circuit Voltage	100 VDC	100 VDC
Maximum PV Array Power	600W	1200W
MPP Range @ Operating Voltage	15 ~ 80 VDC	30 ~ 80 VDC
Maximum Solar Charge Current	50A	50A
Maximum AC Charge Current	10A/20A	10A/20A
Maximum Charge Current	50A	50A
<b>PHYSICAL</b>		
Dimension, D X W X H (mm)	272 x 212 x 127	272 x 212 x 127
Net Weight (kgs)	4.5	4.8
<b>OPERATING ENVIRONMENT</b>		
Humidity	0 to 90% Relative Humidity (Non-condensing)	
Operating Temperature	0°C to 40°C	0°C to 40°C
Storage Temperature	-15°C to 50°C	-15°C to 50°C

\* Product specifications are subject to change without further notice

