

XTRON

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

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APT INVEREX® SOLAR ENERGY

XTRON

X1200/X2400

BUILT-IN 50A MPPT SOLAR CHARGER

Technical Data

SPECIFICATIONS		
MODEL	**X1200**	**X2400**
CAPACITY	900W	1600W
INPUT		
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)
OUTPUT		
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
BATTERY		
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
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	**MPPT**	**MPPT**
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
Maxmum Solar Charge Current	50A	50A
Maximum AC Charge Current	10A/20A	10A/20A
Maximum Charge Current	50A	50A
PHYSICAL		
Dimension, D X W X H (mm)	272 x 212 x 127	272 x 212 x 127
Net Weight (kgs)	4.5	4.8
OPERATING ENVIRONMENT		
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

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