

MPPT SOLAR INVERTER 2500-24
PRODUCT KEY FEATURES

- Output Power Factor 1.0
- Pure Sine Wave & High Voltage MPPT Solar Inverter
- Priority Setting For Grid/PV Usage
- Compatible To Mains Voltage Or Generator Power
- Auto Restart While AC Is Recovering
- Conformal Coating For Internal Boards
- Built-in Anti-Dust kit
- MPPT Solar Charger of 80 AMP


Technical Data

Model	1500-12	2500-24
Rated Power	1500W	2500W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	
Surge Power	2000VA	4500VA
Efficiency (Peak)	90% ~ 93%	
Transfer Time	"10 ms (For Personal Computers) 20 ms (For Home Appliances)"	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.5 VDC	27 VDC
Overcharge Protection	16 VDC	32 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Open Circuit Voltage	350 VDC	450 VDC
Maximum PV Array Power	2000W	3000W
MPP Range @ Operating Voltage	60-300 VDC	60-400 VDC
Maximum Solar Charge Current	80A	
Maximum AC Charge Current	80A	
Maximum Charge Current	80A	
PHYSICAL		
Dimension, D X W X H (mm)	95 x 288 x 357	
Net Weight (kgs)	9	
Communication Interface	RS232	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	