



XAVIER 1.5KW

PURE SINE WAVE SOLAR MPPT BASED INVERTER

PV - 2500



PRODUCT KEY FEATURES

- 👑 Pure sine wave solar MPPT based inverter
- 👑 Easy installation, one battery 12VDC
- 👑 Wide PV input voltage range starts from 30VDC
- 👑 Built-in anti-dust kit
- 👑 Built-in 80A MPPT solar charger
- 👑 Battery equalization function to optimize battery performance and extend life cycle
- 👑 Output power factor 1
- 👑 2.5" LCD with touch pad
- 👑 Battery independent design



VDC Range
30~400



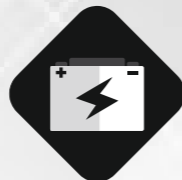
Max Efficiency
93%



LCD with
Touch Pad



Anti
Dust Kit



Works
Without Battery

Technical Data

MODEL NAME	XAVIER-1.5KW-PF1
RATED POWER	1500VA/1500W
INPUT	
Voltage	230VAC
Selectable voltage range	170 ~ 280VAC (for personal computers) 90 ~ 280VAC (for home appliances)
Frequency range	50 Hz / 60 Hz (auto sensing)
OUTPUT	
AC voltage regulation (batt. mode)	230VAC ± 5%
Output power	1500W with PV & battery 1200W with battery only
Surge power	2400VA
Efficiency (peak)	93%
Transfer time	10ms (for personal computers)
Waveform	Pure sine wave
BATTERY	
Battery voltage	12VDC
Floating charge voltage	13.5VDC
Overcharge protection	16VDC
Battery type	Lithium / Lead-acid
SOLAR CHARGER & AC CHARGER	
Solar charger type	MPPT
Max. PV array open circuit voltage	400VDC
Max. PV array power	2500W
MPPT range @ operating voltage	30 ~ 400VDC (30V ~ 60V with battery)
Max. solar charge current	80A
Max. AC charge current	80A
Max. charge current	80A
GENERAL SPECIFICATION	
Dimension, D*W*H (mm)	90*288*357
Net weight (Kgs)	6.6
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