



PURE SINE WAVE SOLAR MPPT BASED INVERTER

PV - 3000



PRODUCT KEY FEATURES

- 👑 Pure sine wave solar MPPT based inverter
- 👑 Easy installation, one battery 24VDC
- 👑 Wide PV input voltage range starts from 60VDC
- 👑 Built-in anti-dust kit
- 👑 Built-in 100A 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
- 👑 Built-in Wi-Fi

Technical Data

MODEL NAME	XAVIER-3KW-PF1
RATED POWER	3000VA/3000W
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	3000W
Surge power	6000VA
Efficiency (peak)	93%
Transfer time	10ms (for personal computers)
Waveform	Pure sine wave
BATTERY	
Battery voltage	24VDC
Floating charge voltage	27VDC
Overcharge protection	32VDC
Battery type	Lithium / Lead-acid
SOLAR CHARGER & AC CHARGER	
Solar charger type	MPPT
Max. PV array open circuit voltage	450VDC
Max. PV array power	3000W
MPPT range @ operating voltage	60 ~ 400VDC
Max. solar charge current	100A
Max. AC charge current	80A
Max. charge current	100A
GENERAL SPECIFICATION	
Dimension, D*W*H (mm)	100*288*390
Net weight (Kgs)	7.5
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

