



**XAVIER II 6kW**

PURE SINE WAVE SOLAR MPPT BASED INVERTER

**PV - 6500**

**PRODUCT KEY FEATURES**

- 👑 Pure sine wave solar MPPT based inverter
- 👑 Wide PV input voltage range 60VDC ~ 450VDC
- 👑 Battery independent design
- 👑 Maximum PV input current, 27A
- 👑 Feed-in to the grid function
- 👑 Built-in BMS & Wi-fi
- 👑 Battery equalization function to optimize battery performance and extend life cycle
- 👑 Built-in 120A Mppt solar charger
- 👑 Dual output, for smart load management
- 👑 Output power factor 1
- 👑 RGB Crown logo



**Technical Data**

<b>MODEL NAME</b>	<b>XAVIER-II-6KW</b>
<b>RATED POWER</b>	<b>6000VA/6000W</b>
<b>INPUT</b>	
Voltage	230VAC
Selectable voltage range	170 ~ 280VAC (for personal computers) 90 ~ 280VAC (for home appliances)
Frequency range	50 Hz / 60 Hz (auto sensing)
<b>OUTPUT</b>	
AC voltage regulation (batt. mode)	230VAC ± 5%
Surge power	12000VA
Efficiency (peak)	93%
Transfer time	10ms (for personal computers), 20ms (for home appliances)
Waveform	Pure sine wave
Dual outputs	Yes
<b>BATTERY</b>	
Battery voltage	48VDC
Floating charge voltage	54VDC
Overcharge protection	63VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar charger type	MPPT
Max. PV array open circuit voltage	500VDC
Max. PV array power	6500W
Max. PV input current	27A
MPPT range @ operating voltage	60 ~ 450VDC
Max. solar charge current	120A
Max. AC charge current	100A
Max. charge current	120A
<b>GENERAL SPECIFICATION</b>	
Dimension, D*W*H (mm)	107*322.6*420.3
Net weight (Kgs)	10.5
Communication interface	Wi-fi / RS-485 / CAN
<b>OPERATING ENVIRONMENT</b>	
Humidity	5% to 95% relative humidity (non-condensing)
Operating temperature	-10°C to 50°C
Storage temperature	-15°C to 60°C