

XAVIER || **4KW PV-5000**
6KW PV-6500

Pure Sine Wave Solar Inverter



Product Design By:
Crown Micro Global

Features

- ❖ Pure sine wave solar MPPT based inverter
- ❖ Output power factor 1
- ❖ Maximum PV input current increases to 27A
- ❖ Dual outputs, for smart load management
- ❖ Wide PV input voltage range 60VDC~450VDC
- ❖ Feed-in to the grid function (Xavier 6KW)
- ❖ Battery independent design
- ❖ Built-in 120A MPPT solar charger
- ❖ Battery equalization function to optimize battery performance and extend lifecycle
- ❖ RGB Crown logo
- ❖ With inbuilt BMS & WIFI



Built-in
WIFI



Built-in
BMS



Feed In to
the Grid
(6KW)



VDC



PV Current



Transfer
Time



Max Efficiency
93%



LCD With
Touch Pad



RGB
Lights

Specification:

MODEL	XAVIER II 4KW	Xavier 6KW
Rated Power	4000VA/4000W	6000VA/6000W
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 \pm 5%	
Surge Power	8000VA	12000VA
Efficiency (Peak)	93%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
Dual Outputs	Yes	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Array Power	5000W	6500W
Maximum PV Input Current	27A	
MPPT Range @ Operating Voltage	60-450 VDC	
Maximum Solar Charge Current	120A	
Maximum AC Charge Current	100A	
Maximum Charge Current	120A	
PHYSICAL		
Dimension, D X W X H (mm)	107 x 322.6 x 420.3	
Net Weight (kgs)	9.5	10.5
Communication Interface	Wi-fi/RS-485/CAN	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	