

# XAVIER II 3.6KW 5.6KW

Pure Sine Wave Solar Inverter



Product Design By:  
**Crown Micro Global**

## »»» Features

**4 YEARS WARRANTY**  
1 Year Comprehensive  
3 Years Free Services

- ❖ Pure sine wave solar MPPT based inverter
- ❖ 5" LCD & touch pad
- ❖ Maximum PV input current increases to 27A
- ❖ Dual outputs, for smart load management
- ❖ Wide PV input voltage range 60VDC~450VDC
- ❖ RGB light with crown logo
- ❖ Feed-in to the grid function (Xavier II 5.6KW)
- ❖ Output power factor 1
- ❖ Built-in 120A MPPT solar charger
- ❖ Battery equalization function to enabled to extend battery life cycle and performance
- ❖ Battery independent design



Built-in  
Dual Output



Feed In to  
the Grid  
(5.6KW)



VDC



PV Current



Transfer  
Time



Max Efficiency  
93%



LCD With  
Touch Pad



RGB  
Lights

# Specification:

MODEL NAME	XAVIER-II-3.6KW	XAVIER-II-5.6KW
MODEL NUMBER	X-II-3.6KW-M	X-II-5.6KW-M
Rated Power	3600VA/3600W	5600VA/5600W
<b>INPUT</b>		
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)	
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%	
Surge Power	7200VA	11200VA
Efficiency (Peak)	93%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
Dual Outputs	Yes	
<b>BATTERY</b>		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger Type	MPPT	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Array Power	4500W	6000W
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	
<b>PHYSICAL</b>		
Dimension, D X W X H (mm)	107 x 322.6 x 420.3	
Net Weight (kgs)	9.5	10.5
Communication Interface	USB/RS-232 (optional USB/Dry contact)	
<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	

## »»» Solar System Connection

