

# Single Phase Off-Grid Inverter



**1.5KW  
3KW**



Easy installation, one battery 12VDC (1.5KW)



Smart Battery Equalization

**BMS**

Built-in BMS for 3kW



Built-in Wi-fi (3KW)



Anti Dust Kit



VDC Range  
30~400



Max Efficiency  
93%

PF1

Output power factor 1



2.5" LCD with touch pad



**PV - 2500 | PV - 3000**

**4**

**YEARS  
WARRANTY**

Terms & Conditions Apply

**1.5KW  
3KW**

<b>MODEL NAME</b>	<b>XAVIER-1.5KW-PF1</b>	<b>XAVIER-3KW-PF1</b>
<b>RATED POWER</b>	<b>1500VA/1500W</b>	<b>3000VA/3000W</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%	
Output power	1500W with PV & battery 1200W with battery only	3000W
Surge power	2400VA	6000VA
Efficiency (peak)	93%	
Transfer time	10ms (for personal computers)	
Waveform	Pure sine wave	
<b>BATTERY</b>		
Battery voltage	12VDC	24VDC
Floating charge voltage	13.5VDC	27VDC
Overcharge protection	16VDC	32VDC
Battery type	Lithium / Lead-acid	Lithium / Lead-acid
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar charger type	MPPT	MPPT
Max. PV array open circuit voltage	400VDC	450VDC
Max. PV array power	2500W	3000W
MPPT range @ operating voltage	30 ~ 400VDC (30V ~ 60V with battery)	60 ~ 400VDC
Max. solar charge current	80A	100A
Max. AC charge current	80A	80A
Max. charge current	80A	100A
<b>GENERAL SPECIFICATION</b>		
Dimension, D*W*H (mm)	90*288*357	100*288*390
Net weight (Kgs)	6.6	7.5
Communication interface	RS232	
<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	