



**AVIER 3KW**  
PV-3000

Pure Sine Wave Solar Inverter



Product Design By:  
**Crown Micro Global**

»»» **Features**

- ❖ Pure sine wave solar MPPT based inverter
- ❖ Wide DC input range
- ❖ Battery independent design
- ❖ Maximum charging current 100A
- ❖ Built-in anti-dust kit
- ❖ Operating VDC 60~400

- ❖ 2.5" LCD with touch pad
- ❖ Battery equalization function to enabled to extend battery life cycle and performance
- ❖ Output power factor 1
- ❖ Thermal protection sensor
- ❖ Wi-fi (Optional)



**Anti Dust Kit**



**VDC**



**Work Without Battery**



**Transfer Time**



**Max Efficiency 93%**



**LCD With Touch Pad**



**Power Factor**

## Specification:

<b>MODEL NAME</b>	<b>Xavier 3KW-PF 1.0</b>
<b>MODEL NUMBER</b>	<b>X-3KW-PF1</b>
<b>Rated Power</b>	3000VA/3000W
<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)	
Surge Power	6000VA
Efficiency (Peak)	0.93
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	32 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	<b>MPPT</b>
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum PV Array Power	3000W
MPPT Range @ Operating Voltage	60 ~ 400 VDC
Maximum Solar Charge Current	100 A
Maximum AC Charge Current	80 A
Maximum Charge Current	100 A
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

### »» Solar System Connection

