

PV 3000

PURE SINE WAVE SOLAR INVERTER



OFF-GRID INVERTER

Features

- Pure sine wave solar inverter
- MPPT power increase to 3KW
- Charging current increase to 80A
- Selectable input voltage range for home appliances and personal computers.
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Smart battery charge design for optimized battery performance
- Cold Start function
- Works without battery



App Control Option

10-20
MS

Transfer Time



Anti Dust Filters



Scan for Download PDF Data Sheet

SIGNATURE Series



Specification :

MODEL	Signature Series VM II PLUS 3KW
RATED POWER	3000VA/3000W
INPUT	
Voltage	230VAC
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	6000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	32 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum PV Array Power	3000W
MPPT Range @ Operating Voltage	60-400 VDC
Maximum Solar Charge Current	80A
Maximum AC Charge Current	80A
Maximum Charge Current	80A
PHYSICAL	
Dimension, D x W x H (mm)	100 x 288 x 390
Net Weight (kgs)	7.5
Communication Interface	RS232
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

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