

VMII 3.6KW

Off-Grid Inverter Operation Without Battery

24 VDC
Battery Voltage

93 %
Efficiency

Dual Outputs

Intelligent
Load Management

MPPT Range
27 Amp
UPDATE MODEL

LCD Display

-15°C to 60°C
Storage Temperature

Communication
Interface
USB / RS-232



- Dual outputs for smart load management
- Maximum PV input current increases to 27A
- Wide PV input voltage range 60 VDC ~ 450 VDC
- Battery independent design
- Built-in 120A MPPT solar charger
- Battery equalization function to optimize battery performance & Extend life cycle

PV CAPACITY

5000W

AXPERT VM II TWIN OFF-GRID INVERTER

MODEL	AXPERT VM II TWIN 3.6KW
Rated Power	3600VA / 3600W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170 – 280 VAC (For Personal Computers) 90 – 280 VAC (For Home Appliances)
Frequency Range	50 Hz/60Hz (Auto Sensing)
OUTPUT	
AC Voltage Regulation (Batt.Mode)	230VAC $\pm$ 5%
Surge Power	7200VA
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
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	5000W
Maximum PV Input Current	27A
MPP 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
Communication Interface	USB / RS-232
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-Condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Product specifications are subject to change without further notice.

