

Axpert VM II TWIN Off-Grid Inverter

OFF-GRID INVERTER



- Increased PV power to 5600W and 8000W based on model
- Maximum PV input current **40A**
- Dual outputs, for smart load management
- Built-in WiFi for mobile monitoring and OTA firmware upgrade
- Supports USB On-the-Go function
- Built-in BMS communication port
- Built-in meter calibration for optimized system operation
- Battery independent design
- Built-in anti-dust kit

Axpert VM II TWIN Off-Grid Inverter Selection Guide

MODEL	VM II-4000 TWIN-PV 5600	VM II 6000 TWIN-PV 8000
RATED POWER	4000VA/4000W	6000VA/6000W
INPUT		
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)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	
Surge Power	8000VA	12000VA
Efficiency (Peak)	93%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger type	MPPT	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Array Power	5600W	8000W
Maximum PV Input Current	40A	40A
MPP Range @ Operating Voltage	60-450 VDC	60-450 VDC
Maximum Solar Charge Current	120A	120A
Maximum AC Charge Current	100A	100A
Maximum Charge Current	120A	120A
PHYSICAL		
Dimension, D x W x H (mm)	122 x 322.7 x 420.3	
Net Weight (kgs)	9.5	10.5
Communication Interface	USB/RS232/RS485/Wi-Fi	
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