

Axpert VM II TWIN Off-Grid Inverter



- Dual outputs, for smart load management
- Maximum PV input current increases to 27A
- Wide PV input voltage range 60VDC ~ 450VDC
- Battery independent design
- Built-in 100A MPPT solar charger
- Battery equalization function to optimize battery performance and extend lifecycle

OFF-GRID INVERTER

Axpert VM II TWIN Off-Grid Inverter Selection Guide

MODEL	Axpert VM II TWIN 3.6K		Axpert VM II TWIN 5.6K	
Rated Power	3600VA/3600W		5600VA/5600W	
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 ± 10%			
Surge Power	7200VA		11200VA	
Efficiency (Peak)	90% ~ 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	32 VDC		63 VDC	
SOLAR CHARGER & AC CHARGER				
Solar Charger type	MPPT			
Maximum PV Array Open Circuit Voltage	500 VDC			
Maximum PV Array Power	5000W		6000W	
Maximum PV Input Current	27A		27A	
MPP Range @ Operating Voltage	60-450 VDC		60-450 VDC	
Maximum Solar Charge Current	100A		100A	
Maximum AC Charge Current	100A		100A	
Maximum Charge Current	100A		100A	
PHYSICAL				
Dimension, D x W x H (mm)	107 x 323 x 420			
Net Weight (kgs)	9			
Communication Interface	RS232			
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