

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 120A 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 ± 5%			
Surge Power	7200VA	11200VA		
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	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	5000W	6000W		
Maximum PV Input Current	27A	27A		
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)	107 x 322.6 x 420.3			
Net Weight (kgs)	9.5	10.5		
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