

Axpert VM IV TWIN Off-Grid Inverter



- Dual output for smart load management
- Maximum PV input current 27A
- Wide PV input voltage range 60VDC~450VDC
- Customizable status LED ring with RGB lights
- Touchable button with large 4.3" colored LCD
- Built-in Wifi for mobile monitoring (Android/iOS App available)
- Supports USB On-the-Go function
- Data log event stored in the inverter
- Reserved communication port (RS485, CAN-BUS or RS232) for BMS
- Battery independent design
- Battery equalization extends lifecycle
- Enhanced charging power
- Built-in anti-dust kit

Axpert VM IV TWIN Off-Grid Inverter Selection Guide

MODEL	Axpert VM IV TWIN 4K		Axpert VM IV TWIN 6K	
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 ± 10%			
Surge Power	8000VA		12000VA	
Efficiency (Peak)	90% ~ 93%			
Transfer Time	15 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 Power	5000W		6000W	
MPP Range @ Operating Voltage	60 ~ 450 VDC		60 ~ 450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC		500 VDC	
Maximum PV Input Current	27A			
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)	119 x 313.6 x 457.5			
Net Weight (kgs)	10		12	
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact			
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.