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Axpert VM II ELITE 6KP

6kW, PV10000

Off-Grid Inverter



KEY FEATURES



Dual Input/Output
Smart Energy Management



High PV Input
"27A", And "10000W"



Wide PV Input Voltage
Range 60VDC~450VDC



Built-In WiFi For
Mobile Monitoring



Built-In Per-Charge Circuit
To Reduce Inrush Current



Built-In Communication
Port For BMS



Low Noise And No Load
Consumption



True Battery Reverse
Polarity Protection

ANYTIME, ANYWHERE
**REMOTE
MONITORING
PLATFORM**



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OFF-GRID INVERTER

Axpert VM II Elite 6kW, PV10000 Off-Grid Inverter Selection Guide

MODEL	Axpert VM II Elite 6KP
RATED POWER	6000VA/6000W
INPUT	
Voltage	230VAC
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 \pm 5%
Surge Power	12000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	10000W
Maximum PV Input Current	27A
MPPT 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)	144 x 348 x 446
Net Weight (kgs)	12.5
Communication Interface	RS232/RS485/CAN/WiFi
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.