

Axpert VM II Elite Off-Grid Inverter



- Dual outputs, for smart load management
- Two independent AC power sources connected and switched automatically
- Maximum PV input current increases to 27A
- Wide PV input voltage range 60VDC~450VDC
- Built-in communication port for BMS
- Battery independent design
- Built-in 120A MPPT solar charger
- Battery equalization function to optimize battery performance and extend lifecycle
- Output power factor 1
- Optional WiFi with remote monitoring APP

Off-Grid Inverter

Axpert VM II Elite Off-Grid Inverter Specification

MODEL	Axpert VM II Elite 6K
RATED POWER	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 $\pm$ 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	
Maximum PV Array Open Circuit Voltage	MPPT
Maximum PV Array Power	500 VDC
Maximum PV Input Current	6000W
MPP Range @ Operating Voltage	27A
Maximum Solar Charge Current	60-450 VDC
Maximum AC Charge Current	120A
Maximum Charge Current	100A
PHYSICAL	120A
Dimension, D x W x H (mm)	
Net Weight (kgs)	136 x 323.6 x 449.3
Communication Interface	10.3
OPERATING ENVIRONMENT	RS232/RS485/Optional WiFi
Humidity	
Operating Temperature	5% to 95% Relative Humidity(Non-condensing)
Storage Temperature	-10°C to 50°C
	-15°C to 60°C

Product specifications are subject to change without further notice.