Renovo 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

Axpert VM II Elite Off-Grid Inverter Specification

MODEL	Axpert VM II Elite 6K
RATED	6000VA/6000W
POWER 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	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	6000W
Maximum PV Input Current	27A
MPP 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)	136 x 323.6 x 449.3
Net Weight (kgs)	10.3
Communication Interface	RS232/RS485/Optional WiFi
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating	-10°C to 50°C
Temperature Storage	-15°C to 60°C

Product specifications are subject to change without further notice.