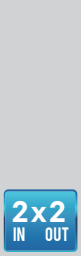
Axpert VM II Elite 6K

- Dual inputs and dual outputs
- Maximum PV input current increases to 27A
- Wide PV input voltage range from 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 6KP

- Maximum PV power 10000W and input current 27A
- Parallel operation up to 2 units
- Dual inputs and dual outputs
- 2 strings of PV inputs
- Built-in PV DC switch
- Built-in WiFi with APP and OTA firmware upgrade
- True battery reverse polarity protection
- Low noise and no load consumption
- Built-in pre-charge circuit to reduce inrush current
- Built-in meter calibration function
- Metered 2nd output
- Built-in CT sensor to guarantee 100% self-consumption

Axpert VM II Elite Off-Grid Inverter Selection Guide

MODEL	Axpert VM II Elite 6K	Axpert VM II Elite 6KP
RATED POWER	6000VA/6000W	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 ± 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	10000W
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)	107 x 322.6 x 420.3	144 x 348 x 446
Net Weight (kgs)	10.5	12.5
Communication Interface	RS232/RS485/Optional WiFi	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.