

Axpert MAX II Off-Grid Inverter



- Customizable status LED bar with RGB lights
- Touchable button with large 5" colored LCD
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Data log events stored in the inverter
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable high power charging current
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Built-in DC output for DC fan, LED bulb, router and so on
- Parallel operation with 6 units

User-programmable RGB lighting for different operation mode



Pink

Orange

Yellow

Green

Blue

Sky Blue

Purple

Three lighting effects



Cycling

Quickly scrolling with a color of your choice in a continuous circular motion



Wheel

Illuminates with twinkling lights in a color of your choice



Chasing

Radiates your selected color upward from the bottom of the ring

Axpert MAX II Off-Grid Inverter Specification

MODEL	Axpert MAX II 80000	Axpert MAX II 11000
Rated Power	8000VA/8000W	11000VA/11000W
PARALLEL CAPABILITY	YES, 6 units	YES, 6 units
INPUT		
Voltage	230 VAC	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)	50 Hz/60 Hz (Auto sensing)
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%	230VAC $\pm$ 5%
Surge Power	16000VA	22000VA
Efficiency (Peak)	93%	93%
Transfer Time	15 ms (For Personal Computers) ; 20 ms (For Home Appliances)	15 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave	Pure sine wave
No Load Power Consumption	< 70W	< 75W
DC Voltage (optional)	12 VDC $\pm$ 5%, 100W	12 VDC $\pm$ 5%, 100W
BATTERY		
Battery Voltage	48 VDC	48 VDC
Floating Charge Voltage	54 VDC	54 VDC
Overcharge Protection	66 VDC	66 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	MPPT
Maximum PV Array Power	8000W (4000W x 2)	11000W (5500W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500A	500 VDC
Maximum Solar Charge Current	150A	150A
Maximum AC Charge Current	120A	150A
Maximum Charge Current	150A	150A
PHYSICAL		
Dimension, D x W x H (mm)	158.4 x 502.5 x 1530.8	158.4 x 503.6 x 530.8
Net Weight (kgs)	20	20
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact	USB/RS232/RS485/Wifi/Dry-contact
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C	-10°C to 50°C
Storage Temperature	-15°C to 60°C	-15°C to 60°C
STANDARD		
Compliance Safety	CE	CE

Product specifications are subject to change without further notice.



Voltronic Power

Advancing Power