Axpert MAX II Off-Grid Inverter





- Status indication with RGB lights
- Maximum PV input current 27A
- Two independent AC power sources connected and switched automatically
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available) • Supports USB On-the-Go function
- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Built-in anti-dust kit
- Built-in DC output for DC fan, LED bulb, router and so on
- Parallel operation with 6 units

Axpert MAX II Duplex Off-Grid Inverter Specification

MODEL	Axpert MAX II Duplex 11K
RATED POWER	11000VA/11000W
PARALLEL CAPABILITY	YES, 6 units
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	22000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
DC Voltage	12 VDC ± 5%, 100W
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Power	11000W (5500W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A x 2 (MAX 40A)
Maxmum Solar Charge Current	150A
Maximum AC Charge Current	150A
Maximum Charge Current	150A
PHYSICAL	
Dimension, D x W x H (mm)	147.4x 432.5 x 553.6
Net Weight (kgs)	18.4
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating	-10°C to 50°C
Temperature Storage	-15°C to 60°C
Temperature	
STANDARD	
Compliance Safety	CE

Product specifications are subject to change without further notice.

Voltronic Power
Advancing Power