



MPPT

HYBRID OFF GRID INVERTERS

MAX-II SERIES 8/11kW

Key Features:

- Status indication with RGB lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- 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
- Selectable input voltage range for home appliances and personal computers
- 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.
- Coloured Led Status bar.



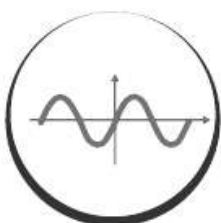
For Off-Grid
User



Grid
Connection



Multi Stage Smart
Charger Desing



Pure Sine
Wave



RGB Led
Screen



Wi-Fi Real
Time Monitoring
Support

Technical Specifications

MODEL	AXPERT MAX II 8000	AXPERT MAX II 11000
Rated Power	8000VA/8000W	11000VA/11000W
Parallel Capability	YES, 6 UNITES	
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home computers)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230VAC±5%	
Surge Power	16000VA	22000VA
Efficiency (Peak)	93%	
Transfer Time	15ms (for personal computers) 20ms (for home computers)	
Wave Form	Pure Sine Wave	
No Load Power Consumption	<70W	< 75W
DC Voltage	12 VDC ± 5%, 100W	
BATTERY & AC CHARGER		
Battery Voltage	48VDC	
Floating Charge Voltage	54VDC	
Overcharge Protection	66VDC	
SOLAR CHARGER		
MAX.PV Array Power	8000W (4000W*2)	11000W (5500W*2)
MPPT Range @ Operating Voltage	90-450 VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum PV Input Current	27A x2(MAX 40A)	
Maximum AC Charging Current	120A	
Maximum Charging Current	150A	
Solar Charger Type	MPPT	
PHYSICAL		
Dimension.D*W*H(mm)	158.4*502.5*530.8	
Net Weight (kgs)	20 kg	
Communication Interface	USB/RS232/RS485/Wi-Fi/Dry-Contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-Condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	
STANDARD		
Compliance Safety	CE	