

MAX II OFF-GRID INVERTER

HYBRID INVERTERS

- 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



TECHNICAL SPECIFICATIONS

MODEL	MAX II 8 KW
Rated power	8000 VA / 8000W
Parallel capability	6 units
INPUT	
Voltage	230 VAC
Selectable voltage range	170-280 VAC (For personal computers) ; 90-280 VAC (For home appliances)
Frequency range	50Hz/60Hz (Auto sensing)
OUTPUT	
AC voltage regulation (batt. mode)	230VAC ± 5%
Overload	16000VA
Efficiency (peak)	93%
Transfer time	15ms (For personal computers); 20 ms (For home appliances)
Waveform	Pure sine wave
No load power consumption	< 70W
DC voltage	12 VDC ± 5%, 100W
BATTERY	
Battery voltage	48 VDC
Charge voltage	54 VDC
Overcharge protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar charge type	MPPT
Max. PV power	8000 W (4000 W x 2)
MPPT range @ operating voltage	90 VDC ~ 450 VDC
Maximum PV array open circuit voltage	500 VDC
Maximum solar charge current	150 A
Maximum AC charge current	120 A
Max. charge current	150 A
PHYSICAL	
Dimension HxWxD (mm)	530.8x502.5x158.4
Net weight (kg)	20
Communication interface	USB/RS232/RS485/Wifi/Dry contact
OPERATING ENVIRONMENT	
Humidity	5% - 95% (non-condensing)
Operating temperature	-10°C - 50°C
Storage temperature	-15°C - 60°C