

MAX OFF-GRID INVERTER

HYBRID INVERTERS

- Customizable status LED bar with RGB lights
- Built-in wifi for mobile monitoring (Android/iOS Apps are 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
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- Selectable input voltage range for home appliances and personal computers
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on
- Parallel operation up to 6 units only available for 7.2kVA



TECHNICAL SPECIFICATIONS

MODEL	MAX 7.2KW
Power	7200 VA / 7200W
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 \pm 5%
Overload	15000VA
Efficiency (peak)	90-93%
Transfer time	15ms (for personal computers) ; 20 ms (for home appliances)
Waveform	Pure sine wave
BATTERY	
Battery voltage	48 VDC
Charge voltage	54 VDC
Overcharge protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar charger type	MPPT
Max. PV array power	8000 W (4000 W x 2)
MPPT range @ operating voltage	90 VDC ~450 VDC
Max. PV array open circuit voltage	500 VDC
Max. solar charge current	80 A
Max. AC charge current	80 A
Max. charge current	80 A $^{\circ}$ C
PHYSICAL	
Dimensions HxWxD (mm)	553,6x432,5x147,4
Net weight (kg)	18,4
Communication interface	USB/RS232/RS485/Wifi/Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% - 95% (non-condensing)
Operating temperature	-10 $^{\circ}$ C to 55 $^{\circ}$ C
Storage temperature	-15 $^{\circ}$ C to 60 $^{\circ}$ C