

MAX II SERIES



**Product Features**

- 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)
- Support USB On-the-Go function
- Date log events stored in the inverter
- Reserved communication port for BMS (RS485 CAN-BUS or RS232)
- Replacable 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
- Optional DC output for DC fan, LED bulb, router and so on (only for 8K model)
- Parallel operation with 6 units

User-programmable RGB lighting for different operation mode



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

**Off Grid Solar Inverter**



| Model                                 | MAX II 8KW   |
|---------------------------------------|--|
| Rated Power                           | 8000VA/8000W   |
| Parallel Capability                   | Yes, up to 6 units   |
| <b>INPUT</b>                          |  |
| Voltage                               | 230VAC   |
| Selectable Voltage Range              | 170-280VAC(Personal Computers);90-280 VAC(Home Appliances) |
| Frequency Range                       | 50/60Hz(Auto sensing)                                      |
| <b>OUTPUT</b>                         |  |
| AC Voltage Regulation                 | 230VAC±5%  |
| Max Power                             | 8000W  |
| Efficiency(Peak)                      | up to 93%  |
| Transfer Time                         | 15ms(Personal Computers);20ms(Home Appliances)             |
| Waveform                              | Pure sine wave   |
| No Load Power Consumption             | <70W   |
| DC Output                             | 12VDC±5%,100W  |
| <b>BATTERY</b>                        |  |
| Battery Voltage                       | 48 VDC   |
| Floating Charge Voltage               | 54 VDC   |
| Overcharge Protection                 | 66 VDC   |
| <b>SOLAR CHARGER &amp; AC CHARGER</b> |  |
| Solar Charger Type                    | MPPT   |
| Maximum PV Array Power                | 8000W(4000WX2)   |
| MPPT Range @ Operating Voltage        | 90~450VDC  |
| Maximum PV Array Open Circuit Voltage | 500VDC   |
| Maximum Solar Charge Current          | 120A   |
| Communication Interface               | USB/RS232/RS485/WIFI/Dry-contact                           |
| <b>ENVIROMENT</b>                     |  |
| Operating Temperature                 | -10°C to 50°C  |
| Storage Temperature                   | 15°C to 60°C   |
| Dimension(LxWxH) mm                   | 147.4x432.5x553.6  |
| Net Weight(kgs)                       | 18.4   |

