

# Axpert MAX II Off-Grid Inverter



- 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

## 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

## Axpert MAX II Off-Grid Inverter Specification

| MODEL                                 | Axpert MAX II 8000  |
|---------------------------------------|---|
| Rated Power                           | 8000VA/8000W  |
| Parallel Capability                   | YES, 6 units  |
| <b>INPUT</b>                          |   |
| 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)  |
| <b>OUTPUT</b>                         |   |
| AC Voltage Regulation (Batt. Mode)    | 230VAC ± 5%   |
| Surge Power                           | 16000VA   |
| Efficiency (Peak)                     | 93%   |
| Transfer Time                         | 15 ms (For Personal Computers) ; 20 ms (For Home Appliances)            |
| Waveform                              | Pure sine wave  |
| No Load Power Consumption             | < 70W   |
| DC Voltage                            | 12 VDC ± 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 (4000W x 2)   |
| MPPT Range @ Operating Voltage        | 90 ~ 450 VDC  |
| Maximum PV Array Open Circuit Voltage | 500 VDC   |
| Maximum Solar Charge Current          | 150A  |
| Maximum AC Charge Current             | 120A  |
| Maximum Charge Current                | 150A  |
| <b>PHYSICAL</b>                       |   |
| Dimension, D x W x H (mm)             | 158.4 x 502.5 x 530.8   |
| Net Weight (kgs)                      | 20  |
| Communication Interface               | USB/RS232/RS485/WiFi/Dry-contact  |
| <b>OPERATING ENVIRONMENT</b>          |   |
| Humidity                              | 5% to 95% Relative Humidity(Non-condensing)                             |
| Operating Temperature                 | -10°C to 50°C   |
| Storage Temperature                   | -15°C to 60°C   |
| <b>STANDARD</b>                       |   |
| Compliance Safety                     | CE  |

Product specifications are subject to change without further notice.