

# Axpert VM IV Off-Grid

## Description



## Main Features

- Customizable status LED ring with RGB lights
- Touchable button with large 4.3 colored LCD
- Built-in Wifi for mobile monitoring (Android/iOS App available)
- Supports USB On-the-Go function
- Data log events stored in the inverter
- Reserved communication port (RS485, CAN-BUS or RS232) for BMS
- Battery independent design
- Battery equalization extends lifecycle
- User-friendly LCD operation
- Enhanced charging power
- Built-in anti-dust kit

## Axpert VM IV Off-Grid Inverter Selection Guide

| MODEL                                 | Axpert VM IV 3600-24  | Axpert VM IV 5600-24 |
|---------------------------------------|---|----------------------|
| RATED POWER                           | 3600VA/3600W  | 5600VA/5600W         |
| <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)    | 230 VAC ± 5%  |                      |
| Surge Power                           | 7200VA  |                      |
| Efficiency (Peak)                     | 90% ~ 93%   |                      |
| Transfer Time                         | 15 ms (For Personal Computers) ; 20 ms (For Home Appliances)            |                      |
| Waveform                              | Pure sine wave  |                      |
| <b>BATTERY</b>                        |   |                      |
| Battery Voltage                       | 24 VDC  |                      |
| Floating Charge Voltage               | 27 VDC  |                      |
| Overcharge Protection                 | 33 VDC  |                      |
| <b>SOLAR CHARGER &amp; AC CHARGER</b> |   |                      |
| Solar Charger Type                    | MPPT  |                      |
| Maximum PV Array Power                | 4000W   |                      |
| MPPT Range @ Operating Voltage        | 120 ~ 450 VDC   |                      |
| Maximum PV Array Open Circuit Voltage | 500 VDC   |                      |
| Maximum Solar Charge Current          | 120 A   |                      |
| Maximum AC Charge Current             | 100 A   |                      |
| Maximum Charge Current                | 120 A   |                      |
| <b>PHYSICAL</b>                       |   |                      |
| Dimension, D x W x H (mm)             | 119 x 313.6 x 422.8   |                      |
| Net Weight (kgs)                      | 10.0  |                      |
| 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   |                      |

Product specifications are subject to change without further notice.