

Axpert VM II Off-Grid Inverter Selection Guide

| MODEL | Axpert VM II 3000-24 |
|---------------------------------------|---|
| Rated Power | 3000VA / 3000W |
| INPUT | |
| 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) |
| OUTPUT | |
| AC Voltage Regulation (Batt. Mode) | 230VAC \pm 5% |
| Surge Power | 6000VA |
| Efficiency (Peak) | 90% ~ 93% |
| Transfer Time | 10 ms (For Personal Computers) ; 20 ms (For Home Appliances) |
| Waveform | Pure sine wave |
| BATTERY | |
| Battery Voltage | 24 VDC |
| Floating Charge Voltage | 27 VDC |
| Overcharge Protection | 33 VDC |
| SOLAR CHARGER & AC CHARGER | |
| Maximum PV Array Open Circuit Voltage | 500 VDC |
| Maximum PV Array Power | 4000 W |
| MPP Range @ Operating Voltage | 120~450 VDC |
| Maximum Solar Charge Current | 100 A |
| Maximum AC Charge Current | 100 A |
| Maximum Charge Current | 100 A |
| PHYSICAL | |
| Dimension, D x W x H (mm) | 100 x 300 x 440 |
| Net Weight (kgs) | 9 |
| Communication Interface | USB/RS232 |
| ENVIRONMENT | |
| 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.

