

# **TRIEX.** Series

**MPPT SOLAR INVERTER**

**OFF-Grid Inverter**



## **Axpert VM II Premium 3kW, PV3000**

- Pure sine wave solar inverter
- Output power factor 1
- High PV input voltage range
- Battery independent design
- Built-in 80A and 100A MPPT solar charger for 3kW Premium and 3K/5K respectively
- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dust kit for harsh environment (only for 3K/5K models)

## OFF-GRID INVERTER

### Axpert VM II Premium 3kW, PV3000 Off-Grid Inverter Selection Guide

MODEL	Axpert VM II 3000-24
<b>RATED POWER</b>	3000VA/3000W
<b>INPUT</b>	
Voltage	230VAC
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 $\pm$ 5%
Surge Power	6000VA
Efficiency (Peak)	93%
Transfer Time	10 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
Surge Power	33 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	4000W
MPP Range @ Operating Voltage	120~450 VDC
Maximum Solar Charge Current	100A
Maximum AC Charge Current	100A
Maximum Charge Current	100A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	100 x 300 x 440
Net Weight (kgs)	9
Communication Interface	USB/RS232(optional USB/Dry contact)
<b>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.