

# TRiEX.

powered by Trisun Energies

## Axpert VM IV 6kW, PV6000 Hybrid Inverter



## KEY FEATURES



Maximum PV  
Input Current 27A



Wide PV Input Voltage  
Range 60VDC~450VDC



Supports USB  
On-The-Go Function



Built-In WiFi For  
Mobile Monitoring



Data Log Event  
Stored In The Inverter



Warranty  
2+2 Years



Battery Equalizer And  
Extend Lifecycle



Built-In  
Anti-Dust Kit

ANYTIME, ANYWHERE  
REMOTE  
MONITORING  
PLATFORM



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# HYBRID INVERTER

## Axpert VM IV 6kW, PV6000 Hybrid Inverter Selection Guide

MODEL	Axpert VM IV 6kW
<b>RATED POWER</b>	6000VA/6000W
<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 $\pm$ 10%
Surge Power	12000VA
Efficiency (Peak)	90%~93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Surge Power	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger type	MPPT
Maximum PV Array Power	6000W
MPP Range @ Operating Voltage	60~450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A
Maximum Solar Charge Current	120A
Maximum AC Charge Current	100A
Maximum Charge Current	120A
<b>PV INPUT (DC)</b>	
Dimension, D x W x H (mm)	119 x 313.6 x 457.5
Net Weight (kgs)	12
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.