

Voltronic Power AXPERT-VM-TWIN-40A-VM-IV-6000-TWIN-PV-8000

The Axpert VM TWIN 40A VM IV-6000 TWIN-PV 8000 is a off-grid solar inverter rated VM IV-6000 TWIN-PV 8000. Every figure on this page is read from the manufactur

Models Covered: AXPERT-VM-TWIN-40A-VM-IV-6000-TWIN-PV-8000

Manufacturer: Voltronic Power

Application: The Axpert VM TWIN 40A VM IV-6000 TWIN-PV 8000 is a off-grid solar inverter rated VM IV-6000 TWIN-PV 8000. Every figure on this page is read from the manufacturer's manual for the Axpert VM TWIN 40A series.

Technical Specifications

Parameter	AXPERT-VM-TWIN-40A-VM-IV-6000-TWIN-PV-8000
PV String Input Data	
Max PV Array Power	5600W
Max PV Input Current	40A
Electrical / AC Output Data	
Max Efficiency	90%-93%
Rated AC Power	4000VA/4000W
Surge / Peak Power	12000VA
AC Voltage Regulation (Battery Mode)	230VAC ±10%
Selectable Voltage Range	170-280 VAC (For Personal Computers)
Battery Data	
Max Charge Current	120A
Max Solar / PV Charge Current	120A
Max AC Charge Current	100A
Operating Conditions	
Operating Temperature	-10°C to 50°C
Relative Humidity	5% to 95%
Communication	
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact

Note: Specifications are based on the official Voltronic Power AXPERT-VM-TWIN-40A-VM-IV-6000-TWIN-PV-8000 datasheet. Values may be subject to change; always verify against the latest manufacturer documentation before system design and procurement.

Availability & grid compliance in UAE

Market	UAE
Grid authority / regulator	DEWA, ADDC, SEWA
Quotation currency	AED
Support hours timezone	Asia/Dubai
Delivery & installation coverage	Dubai, Abu Dhabi, Sharjah, Ajman, Ras Al Khaimah

Figures on this page are the manufacturer's own, measured at the test conditions the datasheet states — they do not change by country. What changes is the approval that has to be met before the unit is energised: in UAE that is DEWA, ADDC, SEWA. Confirm the grid code, import requirements and any local certification with them, or with us, before you order.

Official Source & Documentation

This technical datasheet is derived from official manufacturer documentation provided by **Voltronic Power**. For the latest specifications, firmware updates, and official documentation, visit the manufacturer's website.

- **Manufacturer Website:** www.voltronicpower.com
- **Technical Support:** sales@voltronicpower.org | +971 4 255 0887
- **Sales Inquiries:** sales@voltronicpower.org | +971 4 255 0887

Disclaimer: All specifications and technical data presented on this page are based on the official Voltronic Power AXPert-VM-TWIN-40A-VM-IV-6000-TWIN-PV-8000 datasheet published by Voltronic Power. Specifications are subject to change without notice. Always verify against the latest manufacturer documentation at voltronicpower.com before system design, procurement, or installation. Compliance with local regulations, grid codes (DEWA, ADDC, SEWA) and utility requirements in UAE is the responsibility of the system designer/installer.

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