



- Dual output for smart load management
- Wide PV input voltage range 60VDC~450VDC
- Customizable status LED ring with RGB lights
- Touchable button with large 4.3" colored LCD
- Reserved communication port (RS485, CAN-BUS or RS232) for BMS
- Built-in Wifi for mobile monitoring (Android/iOS App available)
- Supports USB On-the-Go function
- Data log event stored in the inverter
- Maximum PV input current 27A
- Battery independent design
- Battery equalization extends lifecycle
- Enhanced charging power
- Built-in anti-dust kit



Axpert VM IV TWIN Off-Grid Inverter Selection Guide

| MODEL | Axpert VM IV TWIN 4K | Axpert VM IV TWIN 6K |
|---------------------------------------|--|----------------------|
| Rated Power | 4000VA/4000W | 6000VA/6000W |
| 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 ± 10% | |
| Surge Power | 8000VA | 12000VA |
| Efficiency (Peak) | 90% ~ 93% | |
| Transfer Time | 15 ms (For Personal Computers) 20 ms (For Home Appliances) | |
| Waveform | Pure sine wave | |
| BATTERY | | |
| Battery Voltage | 24 VDC | 48 VDC |
| Floating Charge Voltage | 27 VDC | 54 VDC |
| Overcharge Protection | 33 VDC | 63 VDC |
| SOLAR CHARGER & AC CHARGER | | |
| Solar Charger type | MPPT | |
| Maximum PV Array Power | 5000W | 6000W |
| MPP Range @ Operating Voltage | 60 ~ 450 VDC | 60 ~ 450 VDC |
| Maximum PV Array Open Circuit Voltage | 500 VDC | 500 VDC |
| Maximum PV Input Current | 27A | |
| Maximum Solar Charge Current | 120A | 120A |
| Maximum AC Charge Current | 100A | 100A |
| Maximum Charge Current | 120A | 120A |
| PHYSICAL | | |
| Dimension, D x W x H (mm) | 119 x 313.6 x 457.5 | |
| Net Weight (kgs) | 10 | 12 |
| Communication Interface | USB, RS232, RS485, WiFi, Dry-contact | |
| OPERATING 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.