

Axpert V Off-Grid Inverter



- Pure sine wave solar inverter
- Selectable high power charging current
- Wide DC input range
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

OFF-GRID INVERTER



Anti-Dust Kit (optional)

Anti-Dust Kit (Option)

After installing this anti-dust kit, inverter will automatically detect this kit and activate internal thermal sensor to adjust internal temperature. By virtue of the dustproof design, it dramatically increases product reliability in harsh environment.

Axpert V Off-Grid Inverter Selection Guide

MODEL	Axpert VP1000-12 / Axpert VP2000-24	Axpert VP3000-24 / Axpert VM3000-24	Axpert VP5000-48 / Axpert VM5000-48
Rated Power	1000VA/800W	2000VA/1600W	3000VA / 2400W
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 ± 5%		
Surge Power	2000VA	4000VA	6000VA
Efficiency (Peak)	90% ~ 93%		
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)		
Waveform	Pure sine wave		
BATTERY			
Battery Voltage	12 VDC	24 VDC	48 VDC
Floating Charge Voltage	13.5 VDC	27 VDC	54 VDC
Overcharge Protection	16 VDC	32 VDC	63 VDC
SOLAR CHARGER & AC CHARGER			
Solar Charger type	PWM	PWM	MPPT
Maximum PV Array Open Circuit Voltage	50 VDC	80 VDC	102 VDC
Maximum PV Array Power	600 W	1200 W	1500 W
MPP Range @ Operating Voltage	N/A	N/A	30 ~ 115 VDC
Maximum Solar Charge Current	50 A	50 A	60 A
Maximum AC Charge Current	20 A	20 A	60 A
Maximum Charge Current	50 A	50 A	120 A
PHYSICAL			
Dimension, D x W x H (mm)	88 x 225 x 315	100 x 334 x 285	100 x 300 x 440
Net Weight (kgs)	5.0	5.5	11
Communication Interface	USB/RS232		
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.