

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

Axpert V Off-Grid Inverter Selection Guide

MODEL	Axpert VP3000-24	Axpert VM3000-24	Axpert VP5000-48	Axpert VM5000-48
Rated Power	3000VA / 2400W		5000VA / 4000W	
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	6000VA		10000VA	
Efficiency (Peak)	90% ~ 93%			
Transfer Time	10 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	32 VDC		63 VDC	
SOLAR CHARGER & AC CHARGER				
Solar Charger type	PWM	MPPT	PWM	MPPT
Maximum PV Array Open Circuit Voltage	75 VDC	100 VDC	105 VDC	145 VDC
Maximum Solar Charge Current	50 A	40 A	50 A	60 A
Maximum AC Charge Current	30A		60 A	
Maximum Charge Current	80 A	70 A	110 A	120 A
PHYSICAL				
Dimension, D x W x H (mm)	90 x 285 x 330		100 x 300 x 400	
Net Weight (kgs)	6.4Kg	6.6Kg	11Kg	13Kg
OPERATING ENVIRONMENT				
Humidity	5% to 95% Relative Humidity(Non-condensing)			
Operating Temperature	-10°C - 55°C			
Storage Temperature	-15°C - 60°C			

Product specifications are subject to change without further notice