

# Axpert EX Off-Grid Inverter



- Pure sine wave inverter
- Enhance AC charger to 60A
- Wide battery input range
- Selectable input voltage range for home appliances and personal computers
- Selectable high power charging current
- Configurable AC/Solar input priority via LCD setting
- Compatible with 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 EX Off-Grid Inverter Selection Guide

MODEL	Axpert EX 1.5K-12	Axpert EX 1.5K-24	Axpert EX 3K-24
Rated Power	1500VA/1200W		3000VA/2400W
<b>INPUT</b>			
Voltage	220/230/240 VAC		
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)	220/230/240VAC $\pm$ 5%		
Surge Power	3000VA		6000VA
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	12 VDC		24 VDC
Floating Charge Voltage	13.5 VDC		27 VDC
Overcharge Protection	16 VDC		32 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>			
Maximum PV Array Open Circuit Voltage	50 VDC		75 VDC
Maximum Solar Charge Current		50 A	
Maximum AC Charge Current		60A	
Maximum Charge Current		110A	
<b>PHYSICAL</b>			
Dimension, D x W x H (mm)	100 x 272 x 355		
Net Weight (kgs)	6.6		
<b>ENVIRONMENT</b>			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	-20°C to 55°C		
Storage Temperature	-30°C to 60°C		

Product specifications are subject to change without further notice.