

Axpert EX/MEX Off-Grid Inverter



- Pure sine wave inverter
- Built-in MPPT or PWM solar charger based on different models
- Enhance AC charger to 60A and solar charger to 40A
- 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 to AC mains or generator power

Axpert EX/MEX Off-Grid Inverter Selection Guide

MODEL	Axpert EX 1.5K-12	Axpert EX 1.5K-24	Axpert EX 3K-24	Axpert MEX 1.5K-12	Axpert MEX 1.5K-24	Axpert MEX 3K-24
Rated Power	1500VA/1200W		3000VA/2400W	1500VA/1200W		3000VA/2400W
INPUT						
Voltage	220/230/240 VAC			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)	220/230/240VAC \pm 5%			230VAC \pm 5%		
Surge Power	3000VA		6000VA	3000VA		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	12 VDC		24 VDC
Floating Charge Voltage	13.5 VDC		27 VDC	13.5 VDC		27 VDC
Overcharge Protection	16 VDC		32 VDC	16 VDC		32 VDC
SOLAR CHARGER & AC CHARGER						
Solar Charger Type	PWM			MPPT		
Maximum PV Array Power	600W		1200W	500W		1000W
MPPT Range @ Operating Voltage	N/A			15 VDC ~ 80 VDC	30 VDC ~ 80 VDC	
Maximum PV Array Open Circuit Voltage	50 VDC		75 VDC	100 VDC		
Maximum Solar Charge Current	50A			40A		
Maximum AC Charge Current	60A			60A		
Maximum Charge Current	110A			100A		
PHYSICAL						
Dimension, D x W x H (mm)	100 x 272 x 355					
Net Weight (kgs)	6.6			7.0		
ENVIRONMENT						
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.