Axpert MEX Off-Grid Inverter

- Pure sine wave inverter
- Built-in MPPT solar charge controller
- 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 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 MEX Off-Grid Inverter Selection Guide

MODEL	Axpert MEX 1.5K-12	Axpert MEX 1.5K-24	Axpert MEX 3K-24
Rated Power	1500VA/1200W		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	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	
Floating Charge Voltage	13.5 VDC	27 VDC	
Overcharge Protection	16 VDC	32 VDC	
SOLAR CHARGER & AC CHARGER			
Maximum PV Array Power	500W	1000W	
MPPT Range @ Operating Voltage	15 VDC ~ 80 VDC	30 VDC ~ 80 VDC	
Maximum PV Array Open Circuit Voltage	100 VDC		
Maximum Solar Charge Current	40A		
Maximum AC Charge Current	60A		
Maximum Charge Current	100A		
Maximum Efficiency	98%		
PHYSICAL			
Dimension, D x W x H (mm)	100 x 272 x 355		
Net Weight (kgs)	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.