

OFF- GRID INVERTER

Axpert MLV



- Pure sine wave inverter
- Selectable output voltage at 120VAC/208VAC/240VAC depending on applications
- Built-in 2 strings of MPPT solar charge controller
- 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
- Maximum 3 units in parallel operation for single phase, split phase and three phase applications

Axpert MLV 6KW Off-Grid Inverter Specification

MODEL		Axpert MLV 6KW
Rated Power		6000 VA / 6000 W
Parallel Capability		Yes, 3 units
INPUT		
Rated Input Voltage		110/120 VAC(L-N or L1-N-L2) 208/240 VAC (L-L)
Input Voltage Range		95 ~ 140 VAC (For Personal Computers); 65 ~ 140 VAC (For Home Appliances)
Frequency Range		50 Hz/60 Hz (Auto sensing)
OUTPUT		
AC Voltage Regulation (Batt. Mode)		110/120 VAC(L-N or L1-N-L2) 208/240 VAC (L-L)
Efficiency (Peak)		90%
Transfer Time		10 ms (For Personal Computers); 20 ms (For Home Appliances)
Waveform		Pure sine wave
BATTERY		
Battery Voltage		48 VDC
Floating Charge Voltage		54 VDC
Overcharge Protection		60VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type		MPPT
Maximum PV Array Open Circuit Voltage		145 VDC
Number of MPP Trackers		2
Maximum PV Array Power		4000 W x 2
MPP Range @ Operating Voltage		60 VDC ~ 115 VDC
Maximum Solar Charge Current		80 A x 2
Maximum AC Charge Current		60 A
Maximum Charge Current		220 A
Maximum MPPT Charging Efficiency		96%
Maximum AC Charging Efficiency		92%
PHYSICAL		
Dimension, D X W X H (mm)		130 x 622.6 x 610
Net Weight (kgs)		30.0
ENVIRONMENT		
Humidity		5% ~ 95% non-condensing
Operating Temperature		-10°C ~ 50°C
Storage Temperature		-15°C ~ 60°C

Product specifications are subject to change without further notice.