

Axpert MAX IND Off-Grid Inverter

OFF-GRID INVERTER



- IP54-grade design
- Built-in DC breaker, AC breaker and PV DC switch
- 7-inch touch screen LCD panel
- Dual inputs and dual outputs for smart source and load management
- Easy access cable design
- Built-in external CT sensor to support self-usage (zero export) application
- New APP and Support OTA and OTG firmware upgrade
- New wall-mount bracket design
- Built-in anti-dust kit

Axpert MAX IND Off-Grid Inverter Specification

MODEL	Axpert MAX IND 12000
RATED POWER	12000VA/12000W
PARALLEL CAPABILITY	YES, 6 units
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Surge Power	24000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	<75W
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Array Power	15000W (7500W x 2)
MPPT Range @ Operating Voltage	90-450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A x 2 (Max. 45A)
Maximum Solar Charge Current	200A
Maximum AC Charge Current	200A
Maximum Charge Current	200A
PHYSICAL	
Dimension, D x W x H (mm)	140.8 x 463 x 741.3
Net Weight (kgs)	28
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
OPERATING ENVIRONMENT	
Ingress Protection Rating	IP54
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
STANDARD	
Compliance Safety	IEC 62109, IEC 61683

Product specifications are subject to change without further notice