



AXPERT IND 2.5KW

IND series Off-Grid Inverter

- IP54 design
- Built-in feed-in grid function
- Wide PV input range, start from 30VDC
- Built-in communication port for BMS
- Built-in WiFi with APP for mobile monitoring
- Battery independent design
- Built-in anti-dust kit



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MODEL	
Axpert IND 2.5KW	
Rated Power	2500VA/2500W
GRID 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 $\pm$ 5%
Output Power	2500W with PV & battery; 2000W with battery only
AC Output No.	Single
Surge Power	5000VA
Efficiency (Peak)	90%
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	31 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum PV Array Power	3500W
Maximum PV Input Current	18 A
MPP Range @ Operating Voltage	30 ~ 400 VDC (Min. 60VDC without battery connected)
Maximum Solar Charge Current	90A
Maximum AC Charge Current	70A
Maximum Charge Current	90A
PHYSICAL	
Dimension, D x W x H (mm)	104 x 330 x 414
Net Weight (kgs)	8.7
Communication Interface	RS232/RS485(BMS)/WiFi
OPERATING ENVIRONMENT	
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	CE; IEC 62116; IEC 61727

Product specifications are subject to change without further notice.