



INVEREX[®]

AXPERT 1KW VP SOLAR INVERTER AXPERT 2KW VP SOLAR INVERTER

- Pure sine wave solar inverter
- Selectable charging current
- Wide PV input range
- Selectable input voltage range for home appliances
- 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



SPECIFICATIONS

MODEL	Expert 1KW VP	Expert 2KW VP
CAPACITY	1000VA / 1000W	2000VA / 2000W
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	2000 VA	4000 VA
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	31 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	PWM	PWM
Maximum PV Array Open Circuit	55 VDC	80 VDC
Maximum PV Array Power	600 W	1200 W
Maximum Solar Charge Current	50 A	50 A
Maximum AC Charge Current	20 A	20 A
Maximum Charge Current	50 A	50 A
PHYSICAL		
Dimension, D X W X H (mm)	88 x 225 x 320	
Net Weight (kgs)	5.0	5.5
Communication Interface	USB/RS232	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	

* Product specifications are subject to change without further notice