

APT **INVEREX**<sup>®</sup>

**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	Axpert 1KW VP	Axpert 2KW VP
<b>CAPACITY</b>	1000VA / 1000W	2000VA / 2000W
<b>INPUT</b>		
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)	
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 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	
<b>BATTERY</b>		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.5 VDC	27 VDC
Overcharge Protection	16 VDC	31 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger Type	<b>PWM</b>	<b>PWM</b>
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
<b>PHYSICAL</b>		
Dimension, D X W X H (mm)	88 x 225 x 320	
Net Weight (kgs)	5.0	5.5
Communication Interface	USB/RS232	
<b>OPERATING ENVIRONMENT</b>		
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