

**•Status indication with RGB lights**

- Pure sine wave inverter
- Configurable input voltage range for home appliances and personal computers via LCD settings
- Configurable battery charging current based on applications via LCD settings
- Configurable AC/Solar Charger priority via LCD setting
- Compatible to Utility Mains or generator input
- Auto restart while AC is recovering
- Overload/ Over temperature / short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- New human interface with upgraded LCD display, RGB LED and Touch pad design

### Axpert VM 1200 Specification

<b>MODEL</b>	<b>Axpert VM-1200</b>
<b>CAPACITY</b>	1200VA/1200W
<b>POWER FACTOR</b>	1.0
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Computers)
	90-280 VAC (For Home Appliances)
Frequency Range	50 Hz
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Surge Power	1200VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers), 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	<25W
<b>BATTERY</b>	
Battery Voltage	12 VDC
Floating Charge Voltage	15 VDC
Overcharge Protection	16 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger type	MPPT
Maximum PV Array Power	700W
MPPT Range @ Operating Voltage	15 ~ 80 VDC
Maximum PV Array Open Circuit Volt	102 VDC
Maximum Solar Charge Current	50A
Maximum AC Charge Current	50A
Maximum Charge Current	50A
<b>PHYSICAL</b>	
Dimension, D X W X H (mm)	101 x 225 x 334
Net Weight (kgs)	5,4
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
<b>STANDARD</b>	
Compliance Safety	CE

\* Product specifications are subject to change without further notice

