

# Axpert MS Inverter



- Pure sine wave inverter
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current
- Auto restart while AC is recovering
- Overload and short circuit protection
- Generators & Computer-related devices compatible
- Smart battery charger design for optimized battery performance
- Cold start function

INVERTER/CHARGER

## Axpert MS Inverter Selection Guide

MODEL	Axpert MS 700	Axpert MS 1.2K
<b>CAPACITY</b>	700 VA / 500 W	1200 VA / 840 W
<b>INPUT</b>		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	
Frequency Range	50/60 Hz (Auto sensing)	
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	
Surge Power	1400 VA	2400 VA
Efficiency (Peak)	90%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform (Batt. Mode)	Pure sine wave	
<b>BATTERY</b>		
Battery Voltage	12 VDC	
Floating Charge Voltage	13.5 VDC	
Low Battery Alarm Voltage	11.5 VDC	
Shutdown Voltage	10.5 VDC	
Overcharge Protection	15 VDC	
Maximum Charge Current	10 A or 15 A (Selectable)	10 A or 20 A (Selectable)
<b>PROTECTION</b>		
Full Protection	Overload and short circuit protection	
<b>PHYSICAL</b>		
Dimension, D X W X H (mm)	289 x 290 x 127	
Net Weight (kgs)	4.5	4.8
<b>ENVIRONMENT</b>		
Humidity	0 to 90% Relative Humidity (Non-condensing)	
Operating Temperature	0°C to 50°C	
Storage Temperature	-15°C to 70°C	

Product specifications are subject to change without further notice