

Genie Inverter

- Pure sine wave inverter
- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- Selectable output transfer time for home appliances and personal computers
- Wide input voltage range
- Selectable charging current
- Overload, discharge and overcharge protection



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



Genie Sine Wave Inverter Selection Guide

MODEL	Genie 1K	Genie 2K
CAPACITY	1000VA/600W	2000VA/1200 W
INPUT		
Voltage	220VAC/230 VAC	
Acceptable Voltage Range	140-300VAC	
Frequency	50 Hz	
OUTPUT		
Output Voltage	220VAC/230 VAC	
Voltage Regulation (Batt. Mode)	± 10%	
Transfer Time	10 ms (For Personal Computer) 20 ms (for Home Appliances)	
Waveform (Batt. Mode)	Pure sine wave	
BATTERY & AC CHARGER		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.7 VDC ±2%	27.4 VDC ±2%
Maximum Charge Current	10A or 20A (Selectable)	
PROTECTION		
Full Protection	Overload, discharge, and overcharge protection	
PHYSICAL		
Dimension, D X W X H (mm)	395 x 145 x 220	
Net Weight (kgs)	9.8	14.5
ENVIRONMENT		
Humidity	0 to 90% Relative Humidity (Non-condensing)	
Operating Temperature	0°C to 40°C	
Noise Level	Less than 50dB	

Product specifications are subject to change without further notice.

Axpert MS Sine Wave Inverter Selection Guide

MODEL	Axpert MS 700	Axpert MS 1.2K
CAPACITY	700 VA / 500 W	1200 VA / 840 W
INPUT		
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)	
OUTPUT		
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	
BATTERY & AC CHARGER		
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 AC Charge Current	10 A or 15 A	10 A or 20 A
PROTECTION		
Full Protection	Overload and short circuit protection	
PHYSICAL		
Dimension, D X W X H (mm)	289 x 290 x 127	
Net Weight (kgs)	4.5	4.8
ENVIRONMENT		
Humidity	0 to 90% Relative Humidity (Non-condensing)	
Operating Temperature	0°C to 50°C	
Storage Temperature	-15°C to 70°C	

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