

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



Genie Sine Wave Inverter Selection Guide

MODEL	Genie 1K		Genie 2K	
CAPACITY	1000VA/600W		2000VA/1200 W	
INPUT				
Voltage	110/120VAC or 220/230 VAC			
Acceptable Voltage Range	80-150V / 140-300 VAC			
Frequency	60Hz / 50 Hz (Auto sensing)			
OUTPUT				
Output Voltage	220VAC/230 VAC			
Voltage Regulation (Batt. Mode)	± 10%			
Transfer Time	4-8 ms (For Personal Computer) 40 ms (for Home Appliances)			
Waveform (Batt. Mode)	Pure sine wave			
BATTERY & AC CHARGER				
Battery Voltage	12 VDC		24 VDC	
Floating Charge Voltage	13.5 VDC ± 0.5VDC		27 VDC ± 1%	
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 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



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 (Selectable)	10 A or 20 A (Selectable)	
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		

Product specifications are subject to change without further notice.