



POWERHOUSE

Reliable Power Solutions

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IG Series - Inverter/Charger (600VA-2.4kVA)

- Simulated sinewave inverter
- Selectable input voltage range for home appliances and personal computers
- Auto restart with AC recovery
- Overload, and short circuit protection
- Cold start function
- Generator and Computer-related products compatible
- Reverse polarity protection



Model	IG600	IG1000	IG2000
Capacity	600VA/300W	850VA/600W	2400VA/1440W
Input			
Voltage	220/230/240VAC		
Selectable Voltage Range	140-300VAC	90-280VAC (wide range), 170-280VAC (narrow range)	
Frequency Range	50Hz/60Hz (auto-sensing)		
Output			
AC Voltage Regulation (Batt. Mode)	±10% (battery mode)		
Frequency Range (Batt. Mode)	50Hz/60Hz ±1Hz		
Transfer Time	10ms Typical		
Battery			
Battery Voltage	12Vdc		24Vdc
Floating Charge Voltage	13.7Vdc ±2%		26.8Vdc ±2%
Low Battery Alarm Voltage	10.2Vdc ±2%		21.6Vdc ±2%
Shutdown Voltage	9.9Vdc ±2%		20.0Vdc ±2%
Overcharge Protection	15Vdc ±2%		30Vdc ±2%
Maximum Charge Current	13A	10A or 20A optional	
Alarm			
Low Battery	Sounding every second		
Overload	Sounding evry 0.5 seconds		
Fault	Continuously sounding		
Physical			
Dimensions, L x W x H (mm)	358.5 x 96.8 x 146.5	232 x 293 x 82.5	
Net Weight (kg)	5.8	2.35	2.55
Operating Environment			
Humidity	0-90% Relative Humidity (Non-Condensing)		
Operating Temperature	0°C-50°C		
Storage Temperature	-15°C-70°C		

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