



# POWERHOUSE

## Reliable Power Solutions

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### Inverter UPS FEATURES

- Simulated sinewave inverter
- Wide input voltage range with built in AVR
- 10A Standard charging current
- Auto restart with AC recovery
- Overload, depp discharge, overcharge and short circuit protection
- Cold start function
- Built in solar charger (optional)



Model	IG600	IG1000	IG2000
Capacity	600VA/300W	1000VA/600W	2000VA/1200W
<b>Input</b>			
Voltage	220/230/240 VAC		
Acceptable Voltage Range	140-300VAC	162-290 VAC (UPS mode), 90-280VAC(inverter Mode)	
Frequency Range	50Hz/60Hz (auto-sensing)		
<b>Output</b>			
AC Voltage Regulation (Batt. Mode)	±10%		
Frequency Range (Batt. Mode)	50Hz/60Hz ± 1Hz		
Transfer Time	10ms typical		
<b>Battery</b>			
Battery Voltage	12Vdc		24Vdc
Floating Charge Voltage	13.4Vdc ± 2%		26.8Vdc ± 2%
Low Battery Alarm Voltage	10.8Vdc ± 2%		21.6Vdc ± 2%
Shutdown Voltage	10.0Vdc ± 2%		20.0Vdc ± 2%
Overcharge Protection	15Vdc ± 2%		30Vdc ± 2%
Maximum Charge Current	13A	10A	
<b>Alarm</b>			
Low Battery	Sounding every second	Sounding every 2 seconds	
Overload	Sounding every 0.5 seconds		
Fault	Continuously sounding	Continuously sounding for 30 minutes, then shutdown	
<b>Physical</b>			
Dimensions, L x W x H (mm)	358.5 x 96.8 x 146.5	293 x 231.5 x 82.5	
Net Weight (kg)	5.8	2.35	2.55
<b>Operating Environment</b>			
Humidity	0-90% Relative Humidity (Non-condensing)		
Operating Temperature	0°C-40°C		
Storage Temperature	-15°C-50°C		
<b>Solar Charger*</b>			
Charging Current	13A	10A	

\* Additional optional feature