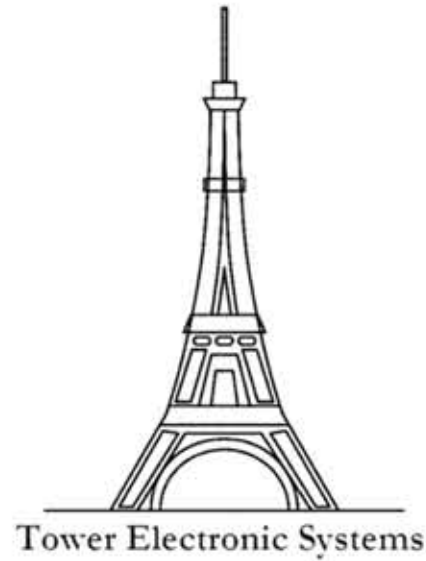


IG Series

Offline Inverter



IG Series

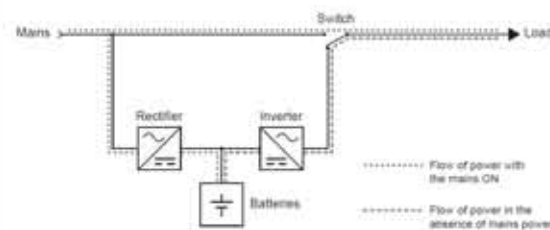
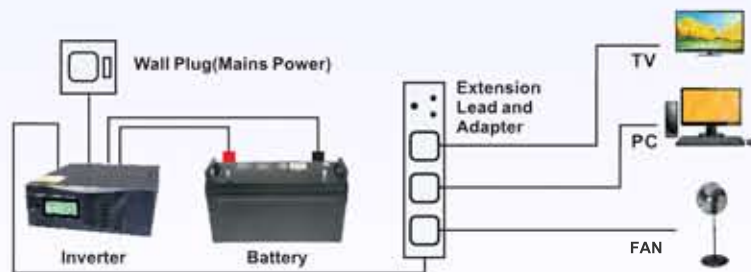


Overview

The IG series inverter/charger converts DC power to AC power with amazing transfer efficiency. With its compact design and aesthetic appeal, the IG series is excellent for home use on appliances such as TVs, media centres, lamps or computers.

Key Features

- Advanced MCU microprocessor control technology
- Modified Sine wave output
- Selectable wide or narrow input voltage range
- Fully automatic
- Intelligent speed fan to release heat
- High frequency design
- Rack/Tower design
- Off mode charging
- Built in 8/10Amp charger
- Auto start
- DC Start
- Low battery alarm



SPECIFICATIONS:



Model	IG1000	IG2000	
Nominal capacity	1kVA / 600W	2kVA 1.2kW	
Input	Nominal Voltage	220/230/240VAC	
	Voltage Range (Narrow)	170 - 280VAC	
	Voltage Range (Wide)	90 - 280VAC	
Output	Output Voltage Range	230VAC + 10% - 18%	
	Output Frequency	50Hz ± 0.1Hz	
	Output Waveform	Modified Sine Wave	
	Output Power Factor	0.6	
Battery	Nominal DC Voltage	12VDC	24VDC
	Maximum Charge Current	10A ± 1A	
	Charge Voltage (VDC)	13.7V ± 0.2V	27.4V ± 0.4V
Efficiency	AC to AC	>98%	
	DC to AC	>80%	
Indicators	LCD Display	Status, Battery Capacity, Loading, Fault Codes	
	LED Display	AC Mode, Battery Mode, Battery charging mode, Overload, Fault	
Transfer Time	15ms Typical, 50ms MAX		
Alarms	Battery Low, Overload, Fault		
Protection	Deep Discharge, Overcharge and Overload		
Environment	Operating Temperature	0-40°C	
	Operating Humidity	0-90% Non-Condensing	
	Noise (1meter distance)	<50dB	
Dimensions (WxDxH) mm	220x280x83		
Weight (kg)	1.2	1.5	

* Product specifications are subject to change without prior notice.

