UPS

Uninterruptible
Power Supply



IG SERIES INVERTER
SINE WAVE LONG BACKUP

600VA~1500VA. 0.8PF



▸ PERFORMANCE CHARACTERISTICS

- IG series Inverter with wide input voltage range, stable output voltage and fast switching speed to provide uninter-rupted power supply.
- LCD display shows the actual working condition of UPS.
- Long back up type model can be connected to external battery according to the actual needs of users, the back time is not restricted.
- Suitable for all electrical equipments, especially for the key equipment, such as communication systems and computer networks,
- Electric power demanding environment of equipment it offer more flexible, reliable power supply.

▸ FEATURES

1.Pure sine wave Inverter
2.4-step AVR
3.Selectable input voltage (135V - 290V) for home appliances and personal computers
4.Selectable high power charging current of10A/20A /Max.(optional)
5.Selectable battery types of gel, lead-acid and open lead-acid battery
6.Compatible to mains voltage or generator output
7. Auto restart while AC is recovering
8.Overload and short circuit protections
9.Smart battery charger design for optimized battery performance
10.Cold start

▸ APPLICATION UPS SOROTEC

Computer, printing, Fan, Light, Camera, Tivi, DVD, Amply, Pos, Fridge, Air-conditioning, Smart home device...

SPECIFICATION

IG SERIES INVERTER SINE WAVE LONG BACKUP TIME					
Model Name	**IG 600**	**IG 800**	**IG 1000**	**IG 1200**	**IG 1500**
General					
UPS Topology	Sine Wave Inverter				
Physical					
Form Factor	Tower				
Input					
Nominal Input Voltage (VAC)	220				
Input Voltage Range (VAC)	135 - 290 ± 5%				
Input Frequency (Hz)	45 - 65				
Efficiency AC	>90%				
Output					
Capacity (VA)	600	800	1000	1200	1500
Capacity (W)	480	640	800	960	1200
On Battery Waveform	Pure sine wave				
On Battery Voltage(s) (VAC)	220 ± 5%				
On Battery Frequecy (Hz)	50 ± 0.5				
Automatic Voltage Regulation (AVR)	Yes				
Power Factor	0.8				
Outlet(s) - Total	2			2	
Outlet Type	IEC Universal * 2			IEC Universal *1 & Hardwire Terminal Block *1	
Outlet (s) - Battery & Surge Protected	2			2	
Typical Transfer Time (ms)	2 - 6 (Max 10)				
Battery					
Battery Voltage (VDC)	12			24	
Quanlity (Pcs)	1			2	
Charge Current (A)	10 - 20 (can adjust by button)				
Battery Type	Sealed lead-acid				
Overload	125% load 30s				
Surge Protection & FIltering					
Certification	CE(EN60950)				
EMI	EN62040-2 Class A				
Protection	Low Voltage, Over voltage, Overload, Short circuit				
Management & Communications					
LCD Panel	Display AC mode, Bypass mode, Inverter mode, Input Voltage, Output Voltage, Frequency, Load, Capacity battery...				
Audible Alarms	Battery Mode, Low Battery, Overload, UPS Fault				
Physical Size - UPS Module					
UPS Dimensions (D*W*H) (mm.)	290*255*120 ± 2%				
UPS Weight (Kg.)	8.43 ± 2%	9.80 ± 2%	11.93 ± 2%	12.20 ± 2%	15.40 ± 2%
Environmental					
Operating Temperature (Độ C)	0 - 40 (non-condensing)				
Operating Relative Humidity (Non-condensing) (%)	10 - 90 relative humidity				
Noise Level	< 40db (1m)				
Fan cooling	Yes				

*Note: Specifications may vary depending on production stage