

IG SERIES INVERTER SINE WAVE LONG BACKUP 600VA~5KVA. 0.8PF



PERFORMANCE CHARACTERISTICS

IG series Inverter with wide input voltage range, stable output voltage and fast switching speed to provide uninterrupted 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 (100V-290V or 145-290V) for home appliances and personal computers
4. Selectable high power charging current of 10A/20A /Max.(optional)
5. Selectable battery types of gel, lead-acid and open lead-acid battery
6. Configurable AC/Solar input priority via LCD setting
7. Compatible to mains voltage or generator output
8. Auto restart while AC is recovering
9. Overload and short circuit protections
10. Smart battery charger design for optimized battery performance
11. 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	IG600	IG800	IG1000	IG1200	IG1500	IG2000	IG3000	IG4000	IG5000
Capacity	600VA	800VA	1000VA	1200VA	1500VA	2KVA	3KVA	4KVA	5KVA
Power	480W	640W	800W	960W	1200W	1.6KW	2.4KW	3.2KW	4KW
Power Factor	0.8 PF								

INPUT

Voltage Input	100V~290V±5%
Frequency Input	50/60 Hz (45~65Hz) auto sensing

OUTPUT

Voltage	220V±5%
Frequency	50HZ±0.5Hz
Wave Form	Pure Sine Wave.
Transfer Time	2~6 ms (Max 10ms)
Over load	110%~150% in 10S.

BATTERY

Battery Voltage	12VDC	24VDC	48VDC
Charging Current	10A~20A		
Type battery	Choice in panel GEL/Sealed lead acid/Open lead acid.		

SAFETY

Certification	CE(EN60950)
EMI	EN62040-2 Class A
Protection	Low Voltage, Over voltage, Overload, Short circuit...

PHYSICAL

Weight Inverter	7.6 kg	9.8 kg	10.8 kg	12.2 kg	13 kg	15 kg	18 kg	25 kg	32 kg
Demention (mm)	290*255*120		290*255*120			310*307*120			

ENVIROMENT

Operating	Temperature 0°C~40°C, Humidity 20%~90%
Noise level	≤40dB(1m)
Cooling	Forced Air , variable speed fan.

MANAGEMENT

RJ45/11 & USB	Option
Softwave	Winpower allows monitoring, automatic on / off UPS and system. Win XP, Win 8, Win 10, Mac, Linux.....

STANDARD: Conform to GB/IEC regulation: EMC:GB7260.2/IEC62040-2 GB/17626.2~5/IEC61000-4-2~5 SAFETY:GB4943

