

UPS / Battery Charger / Inverter



KEY FEATURES

User selectable for accepting wider input voltage

Full automatic and silent operation

Rack Tower design

High Frequency

Off-line mode charging

Available in five AC outlet configurations: NEMA, schuko, French, India , and BS1363

Compact size for convenient use and storage

Built-in 8Amp super charger for up to 100Ah battery

Small scales and cost effective inverter for home appliances and office equipment

Two-steps intelligent charging control to recharging time

TECHNICAL SPECIFICATION

Model		IG500-12	IG1000-12	IG2000-24	IG1000-24
Capacity	VA/W	500VA/300W	1000VA/600W	2000VA/1200W	1000VA/600W
Input	Nominal Voltage	110/120VAC or 220/230/240VAC			
	Voltage Range	90-145VAC or 170-280VAC(Narrow Range)			
		50-145VAC or 90-280VAC(Wide Range)			
Output	Voltage	120VAC or 230VAC			
	Voltage Regulation(Bat.Mode)	10%-18%			
	Frequency	50HZ or 60HZ			
	Frequency Regulation(Bat.Mode)	±0.1HZ			
	Output Waveform	Modified Sinewave			
Battery&Charger	Charger Current	8Amp±1Amp	8Amp±1Amp	8Amp±1Amp	8Amp±1Amp
	DC Voltage	12V	12V	24V	24V
	Overcharge Protecion	15V	15V	30V	30V
Transfer time	Typical	15ms Typical,50ms Max			
Efficiency	AC to AC	>95%			
	DC to DC	>80%			
Indicator	AC Mode	Green lighting			
	Battery Mode	Yellow lighting			
	Battery Charging Mode	Green flashing every 2 second			
	Overload	Red flashing every 0.5 second			
	Fault	Red lighting			
Audible alarm	Low Battery at Battery Mode	Sounding every 2 second			
	Overload	Sounding every 0.5 second			
	Fault	Continuously sounding			
Protection	Full protection	Discharge,overcharge,and overload protectin			
Physical	Dimension D*W*H(mm)	224*255*80			
	Net Weight(kg)	2.0	2.3	2.5	1.9
Environment	Operating Environment	0-40°C,0-90% relative humidity (non-condensing)			
	Noise Level	<50dB			