

## HHEX-G-Series modified Sine Wave Inverter 500VA to 2000VA



### Key features:

- Selectable input voltage for accepting wide/narrow input
- Full automatic and silent operation
- Rack design
- High frequency
- Off mode charging
- Available in five AC outlet configurations: NEMA, Schuko, French, India, and BS1363
- Compact size for convenient use and storage
- Built-in 8 amp super charger for up to 100AH battery
- Small scale and cost effective inverter for home appliances and office equipment
- Two-steps intelligent charging control to recharging time

**Technical specifications:**

Model	Parametre	HHEX-G-500	HHEX-G-1000	HHEX-G-2000
Capacity	V/A/W	500VA/300W	1000VA/600W	2000VA/1200W
Input	Phase	Single		
	Voltage	110/120VAC or 220/230/240VAC		
	Voltage range	90–145VAC or 170-280VAC(narrow range )		
		50-145VAC/90-280VAC(wide range)		
Output	Phase	Single		
	Voltage	120VAC or 230VAC		
	Voltage regulation (battery mode)	+10%~18%		
	Frequency	50Hz or 60Hz		
	Frequency regulation (battery mode)	+/-0.1Hz		
	Output waveform (battery mode)	Modified sine wave		
P.F.	Power factor	0.6		
Battery	Charger current	8 amp +/- 1amp	10 amp +/- 1 amp	10 amp +/- 1 amp
	Floating voltage	13.7V+/-0.2V	27.4V+/-0.4V	27.4V+/-0.4V
	Overcharge protection	15V+/-0.3V charger stops and fault	15V+/-0.6V charger stops and fault	30V+/-0.6V charger stops and fault
Transfer time	Typical	8 ms		
Efficiency	AC to AC	>95%		
	DC to AC	>80%		
Indicator	AC mode	Green LED lighting		
	Battery mode	Yellow LED lighting		
	Battery charging mode	Green LED flashing every 2 seconds		
	Overload	Red LED flashing every 0.5 second		
	Fault	Red LED lighting		
Audible alarm	Low battery at battery mode	Sounding every 2 seconds		
	Overload	Sounding every 0.5 second		
	Fault	Continuously sounding		
Protection	Full protection	Deep discharge, overcharge, and overload protection		
Physical	Dimension(DxWxH) mm	224 X 255 X 80		
	Net weight (Kg)	1.7	1.9	2.5
Environment	Operating environment	0~40 degrees centigrade, 0~90% relative humidity (non-condensing)		
	Noise level	Less than 50dB		