

High Frequency Online UPS (Single Phase Input Single Phase Output)

EH5200 Series (1KVA-3KVA)



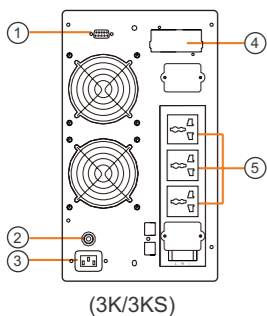
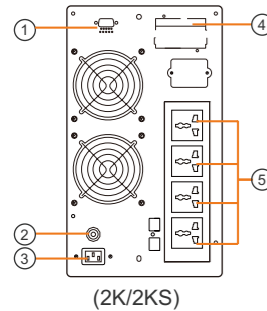
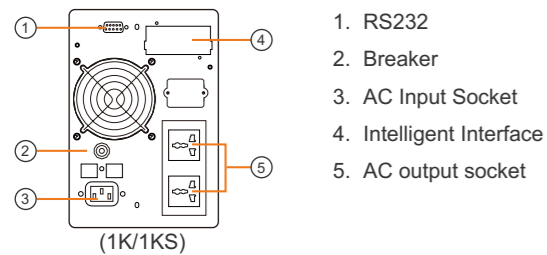
Features

- Adopt DSP digital control, excellent performance indicators, more steady and reliable.
- Adopt active power factor correction technology (PFC).
- Ultra-wide input voltage range, input voltages available 115V instead of turn to battery power.
- With LCD+LED real-time display, UPS operating available for Detection.
- With self- detection function, can detect hidden faults of UPS.
- Cold start by battery without grid Input.
- Input frequency range 40~70Hz, support various fuel generators.
- Output power factor 0.9, stronger load capacity, efficiency reach 90%, reduce loss of UPS.

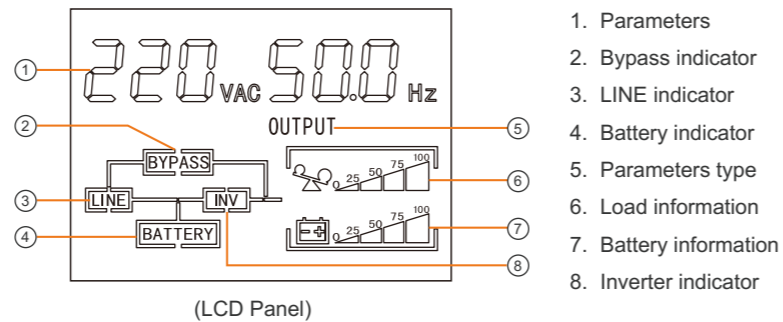
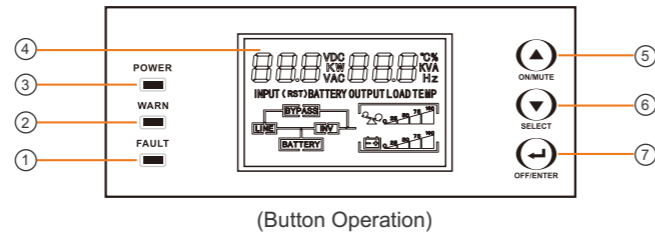
Introduction

The EH5200 series is a new type high-frequency online UPS. Adopts advanced DSP digital control technology to effectively improve product performance and system reliability, and higher power density small size, light weight and high work efficiency. Effectively solve power problems such as power cut-off, Grid over voltage/low voltage, voltage instantaneous drop, amplitude reduction, high voltage pulse, surge voltage, harmonic distortion, clutter interference, frequency fluctuation and provide best power for load.

Back panel printing description



LCD Display Information



Specification

Model	H1K	H1KS	H2K	H2KS	H3K	H3KS	
Capacity (VA/W)	1KVA \ 0.9KW		2KVA \ 1.8KW		3KVA \ 2.7KW		
Input	Voltage Range	Full Load: 160±50%VAC~300±50%VAC; Half Load: 110±50%VAC~300±50%VAC					
	Frequency Range	40-70Hz					
	Phase	Single phase two wire+ground wire					
	Distortion	<5%					
	Power factor	0.99					
	Generator input	support					
	Output	Voltage	220 (1±1%)VAC				
Frequency (same frequency mode)		47~53Hz \ 57~63Hz					
Power Factor		0.9					
Frequency (battery mode)		50±0.25Hz or 60±0.25Hz					
Crest ratio		3:1					
Harmonic distortion		≤3%THD (Linear load)					
		≤6%THD (Nonlinear load)					
Output waveform		Pure Sine Wave					
Socket		Universal socket *2	Universal socket *4	Universal socket *3+Terminal block			
Over Load		100%-110%: warning sound;					
	110%-130%:Automatically turns off after 1 minute, or switch to bypass mode when input correct;						
	>130%:Turn off immediately, or switch to bypass mode when the input correct						
Efficiency	Charging Mode	85%		88%			
	Battery Mode	83%		85%			
Battery	Battery Type	12V \ 7AH		12V \ 7AH		12V \ 7AH	
	Battery Number	3		6		8	
	Equipment time (full load)	>5mins		>5mins		>5mins	
	Charging Time(90%)	8h		8h		8h	
	Charge battery (max)	1.0A	4	1.0A	4	1.0A	4
	Rated charging voltage	41.0±1%VDC		82.1±1%VDC		109.4±1%VDC	
	Temperature detection	support					
Conversion time	Utility to Battery	0ms					
	Inverter to bypass	4ms					
	Utility Priority Mode	support					
Warning Alarm	Battery Mode	alarm every 4 seconds					
	Low Power	alarm every one second					
	Over Load	alarm 2 every second					
Shape	Dimension (D*W*H) mm	350*145*220			4258190*320		
	Net weight(Kg)	12	7	24	11	29	12
Connector	Micro RS-232	Windows, Linux, Sun Solaris, IBM Aix, Compaq True64, SGI RIX, FreeBSD, HP-UX and MAC					
	USB(Optional)	Windows & MAC					
	Rabbit(Optional)	SNMP \ AS400 Relay Card \ Rs485					
	EPO(Optional)	Support emergency shutdown					