

EH5110 is a new generation of high-frequency online UPS. It adopts advanced DSP digital control technology to effectively improve product performance and system reliability, and achieved higher power density. With the characteristics of small size, light weight and high work efficiency. Effectively solve power problems such as power outage, grid high voltage, grid low voltage, voltage instantaneous drop, amplitude reduction, high voltage pulse, surge voltage, harmonic distortion, clutter interference, frequency fluctuation, etc., and provide the best power for the load. With a standard 19-inch rack construction for easy to install.

Application field

It is suitable for power protection devices such as commercial servers, PC servers and peripherals, communication and network equipment, home office computers and other sophisticated electronic equipment.



»» Product performance

- Double conversion online design, output zero transfer time.
- Adopt DSP digital control, excellent performance indicators, make the control system more steady and reliable.
- Adopt Active Power Factor Correction (PFC) technology, the input power factor is close to 1, which greatly reduced the pollution to the grid.
- Ultra-wide input voltage range.
- Input frequency range is 40~70Hz, ensure stable operation when connected to various fuel generators.
- With LCD+LED real-time display, users can intuitively understand the UPS operating status.
- With self-diagnosis function, it can detect hidden faults of UPS in time.
- N+1 parallel redundant design, can realize 3 parallel connections, greatly improved system reliability.
- With AC input over, under voltage protection, output overload protection, short circuit protection, temperature protection, battery under voltage warning protection and battery overcharge protection.
- The whole machine efficiency is up to 90%. Reduce the power loss of the UPS and save the user's cost.
- In the absence of city power, the battery can be cold-started directly.
- Input neutral line detection function to avoid reverse connection of UPS mains input neutral line and live line.
- When the city power is interrupted, the UPS will discharge in battery mode; when the city power recover, UPS will turn on and charge the battery automatically, to achieve unattended operation.
- Standard RS232 communication interface enables UPS and computer to realize multi-function and multi-purpose monitoring and management operations through computer window, and can install SNMP card (optional) to realize UPS remote monitoring function.

»»» TECH SPECS

Model		H1KR	H1KRS	H2KR	H2KRS	H3KR	H3KRS	H6KR	H6KRS	H10KR	H10KRS
Rated Power		1KVA/0.9KW		2KVA/1.8KW		3KVA/2.7KW		6KVA/4.8KW		10KVA/8KW	
Input	Voltage	(110 ~ 300)VAC						(176 ~ 276)VAC			
	Frequency	(40 ~ 70)Hz						(46 ~ 54/56 ~ 64)Hz			
	Power Factor	>0.99									
	External battery Standard Voltage	-	36VDC	72VDC	96VDC	192VDC					
Battery	Battery Type	Maintenance-free lead-acid battery									
	Battery Number	3PCS	-								
Output	Voltage	220(1±1%) VAC									
	Frequency	Synchronize with Input (Utility Mode)									
		50(1±0.2%) Hz (Battery Mode)									
	Overload Capacity	100%-110%:Only warning sound; 110%-130%:Automatically turns off after 1 minute, or switches to bypass mode when the input is normal; >130%:Turn off immediately, or switch to bypass mode when the input is normal.						105%-125%:Automatically turns off after 1 minute, or switches to bypass mode when the input is normal; 125%-135%,30 seconds or switch to bypass mode when the input is normal; >135%,Turn off after 0.5 seconds or switch to bypass mode when the input is normal			
	Output waveform	Pure Sine Wave									
	Socket	Universal Socket						Terminal Block			
Others	Transfer Time	0ms									
	Display	LCD Display						LED/LCD Display (Optional)			
	Automatic restart	After the battery turns off, the UPS can be automatically restarted when the city power returns to normal.									
Warning beep	Battery discharge	One beep every 4 seconds when the input voltage is off; one beep per second when the battery is exhausted									
	UPS Error	Keep Beeping									
Connection	RS-232	Intelligent monitoring functions such as Utility abnormal, power outage, battery capacity, and UPS status indication.									
	Option	SNMP card, AS400 card, USB connection									
Surroundings	Temperature	0°C ~ 40°C									
	Humidity	2 % ~ 90%									
	Audible Noise	<55dB									
Shape parameter	Host size (W*D*H)mm	482.6x450x88						482.6x600x130			
	Battery size (W*D*H)mm	482.6x450x88						482.6x600x130			
	Host weight (Net weight)kg	16.3	9.1	10.3	11.5	11.2	12.3	18.3	18.5	19.2	19.5