

EH9115 Series (10KVA-40KVA)

The EH9115 series of three phase input, single phase output, online-type UPS with advanced full DSP digital control technology has made the leap from analog to digital. MUST UPS combined the mature technology of high-frequency UPS, which is able to cope with power outages, high or low mains voltage, transient voltage dips or oscillations, high-voltage pulses, voltage fluctuations, surge voltage, and spectrum loss, which often occur in harsh environments. voltage dips or oscillations, high voltage pulses, voltage fluctuations, surge voltages, spectral distortions, noise interference, frequency fluctuations, etc, and provide a reliable power supply guarantee.



Product performance

Full digital control

Application of composite control technology to achieve high output dynamic regulation and reduce output voltage distortion, improved output waveform accuracy, strong impact resistance, making the load from 0 to 100% transition without switching to bypass, the output is stable and reliable.

Output isolation transformer

Effectively block the impact of the load on the UPS, ensuring safe and reliable operation of the load.

Transfer time

The transfer time between inverter and bypass is less than 4ms. It guarantees safe and reliable operation of the load.

Cold start

AC start (cold start), convenient to operate

Dual AC power input

The main AC input power supply and the bypass AC input power supply can use two sets of inputs from different grids.

Display

User-friendly Chinese and English LCD screen and intuitive LED indication and monitoring.

Ultra-wide input voltage range

Provides complete protection for critical equipment in a variety of harsh electrical environment.

Auto re-start function (optional)

When the utility is abnormal, the battery mode is powered until it is automatically turned off. When the utility returns to normal, The UPS can choose automatic or manual restart. And return to normal power supply.

Complete security protection

With input and output above and under voltage protection, battery overcharge and over discharge protection, output overload protection and beep functions such as short circuit protection and over temperature protection.

Self-diagnose function

When the power is on, the UPS starts to automatically check the critical working circuits. It is convenient to find problems in time and avoid any loss. Parallel system adopts advanced synchronous current sharing control technology

Intelligent detection and monitoring function

The microprocessor monitors the working status of the circuit in real time, and immediately protects and beeps if there is a fault.

Specification

MODEL		EH9115-10KS 1/3	EH9115-15KS 1/3	EH9115-20KS 1/3	EH9115-30KS 1/3	EH9115-40KS 1/3
Capacity	Rated Capacity	8KW	12KW	16KW	24KW	32KW
INPUT	Voltage Range	380VAC±25%				
	Frequency range	50 Hz/60Hz±5%(optional±10%)				
	Power Factor	≥ 0.99				
OUTPUT	Rated Voltage	220VAC±1%				
	Frequency	50/60Hz±0.5% (battery mode)				
	Waveform Distortion	Pure sine wave, ≤5% for resistive load; ≥3% for non-linear load				
	Imbalance of parallel	Over load 125% can last 2 minutes, over load 150% can last 30 seconds				
	Overload Capacit	3:1				
	Wave Crest Coefficient	<5%				
BATTERY	Rated Voltage	192VDC		384VDC		
	Battery Type	Lead Acid Battery				
	Battery Number	12V 16PCS		12V 32PCS		
	Back-up time for battery built-in type	Extra battery (back-up time is determined by battery capacity)				
Other	Transfer Time	AC-battery 0ms ; Inverter-bypass < 4 ms				
	Ingress Protection	IP20				
	Conversion Efficiency	≥85%(full loading)				
ENVIRONMENT	Operating environment	0°C ~45°C				
	Relative humidity	0~93%(No condensation)				
	Altitude	≤ 1500 meter				
	Noise intensity	50dB	50dB	50dB	50dB	55dB
Mechanical Specifications	Dimension (D*W*H)mm	560*260*717	370*655*900	455*830*1055	455*830*1055	515*830*1135
	N. Weight (kg)	79.5	122	195	210	285