

EH9115 Series (10KVA-300KVA)

EH9115 series three-in-three-out power frequency double conversion online intelligent UPS is a second-generation power supply product that has been upgraded with years of experience in the UPS industry. This series of products adopts the world's top brand device design, high-reliability all-digital processing technology, and intelligence. The human-machine dialogue interface and powerful intelligent network management provide reliable power protection for today's centralized server rooms, network management centers, computer centers, and various advanced industrial automation devices.



Product performance

- IT Device
- Data Center
- Telecommunication
- Banking
- Industry
- Commercial Facility
- Medical Equipment

Product performance

- Full digital DSP control technology for accurate and fast data processing and excellent output performance. More reliable.
- IGBT frequency modulation intelligent rectification inverter technology, input power factor up to 0.99, input current harmonic reach to 3%; Making output voltage and current performance is even better.
- The whole unit efficiency is 92%; in ECO mode, the efficiency is over 98%, lowering the power loss.
- Wide utility input range and frequency range, It make the UPS suit for different power supply equipment. Like generators,etc.
- Large LCD touch screen, operation and information reading more convenient.
- Emergency switch EPO button for remote control.
- N+1 parallel redundant connection; Accept 100% unbalanced load; Compatible with generators
- Double utility and single utility input optional . It makes more safety power supply for user.
- The UPS charger can correct the charging parameters according to different environmental conditions. Optimized battery charging way. According to the type of battery, the number of batteries and the state of use of the battery, choose the best charging method. Extend battery's life
- The number of battery cells of the UPS is optional from 29 to 34, and the default is 32 cells. If you need a cell number other than 32 cells, you need to inform when placing an order, client cannot set the battery cell number.
- Provide RS232, SNMP , GPRS , monitoring communication interfaces. Remote management and monitoring functions are available to facilitate customers various monitoring needs .

Specification

MODEL		EH9115-10KS 3/3	EH9115-15KS 3/3	EH9115-20KS 3/3	EH9115-30KS 3/3	EH9115-40KS 3/3	EH9115-60KS 3/3	EH9115-80KS 3/3	EH9115-100KS 3/3	EH9115-120KS 3/3	EH9115-160KS 3/3	EH9115-200KS 3/3	EH9115-250KS 3/3	EH9115-300KS 3/3			
Capacity	Rated Capacity	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	120KVA	160KVA	200KVA	250KVA	300KVA			
Input	Voltage Range	3x380/220 VAC ± 25% (165V to 275V)															
	Frequency range	50Hz ± 20%															
	Conductors	Three phases+N+E															
Output	Voltage (selectable)	3*220\380 VAC ± 1% (More voltage can be selected)															
	Frequency	50Hz±0.1%															
	Waveform	Pure sine wave generated by high frequency PWM inverter															
	Hamonic Distortion	<2% Linear load \ <5% Nonlinear load															
	Crest Factor	3:1															
	Power Factor	0.8 or 0.9															
	Overload recuperation	Automatic transfer to normal															
	Voltage regulation	Load balance:±1%															
	Overload capacity	125% for 12 minutes \ 150% for one minute															
	Conductors	Three phases+N+E															
Battery	Type	Maintenance-free sealed lead-acid battery, 12V*32 batteries															
	Full load autonomy	3 to 15 minutes, extended-range capability															
	Typical recharge time	4~8 hours, 90%															
	Battery behavior	Autotest. Transfer Point Adjustable battery and alarm setting															
	Battery Protection	Fuse protection, battery switch, temperature compensation, regular inspection, software protection, overvoltage tripping.															
	Rectification	Softwae protection, input switch, over current protection, temperature protection															
Protection	Hardware Protections	Breaker for input, output, battery and bypass. Fast acting fuses in DC, fans, redundant power supplies, temperature sensors, on-o switch and audible alarms.															
	Rectification	Static solid state, automatic and manual operation without interruption for maintenance. External bypass (optional)															
	Emergency switch	Remote and\or local EPO															
Supervisory control and communication	Frontal Panel	Interactive LCD display (Touchscreen)															
	Alarms	Audible and visual alarm for abnormal conditions															
	Communications	RS232, SNMP-RJ45,GPRS (RS232 & RJ45 standard, the other is optional)															
Other	Temperature	0°C ~40°C															
	Relative humidity	0~95%, non condensing															
	Noise	<60db at 1.5m from surface of unit															
	Altitude	1000m (height rises every 100m, power decreases 1%, maximum height is 4000m)															
	Efficiency	Power saving mode >98%, Inverter >92%, AC -AC >91%															
	Transference	0ms cutless															
	Technology	True double-conversion online technology, conversion performed by IGBT															
	Dimension (D*W*H)mm	402*660*880			412*813*1121			505*1060*1321			555*1060*1421			1043*1160*1748		1600*1182*1962	
	Pack (D*W*H) mm	505*800*1030			515*926*1270			603*1190*1486			653*1190*1586			1303*1180*2076		1760*1301*2168	
	Net weight (kg)	153	168	194	223	256	382	434	535	580	1120	1320	1540	1745			

The technical specifications of this document are subject to change without any notice