

## EH9335 Series (10KVA-80KVA)

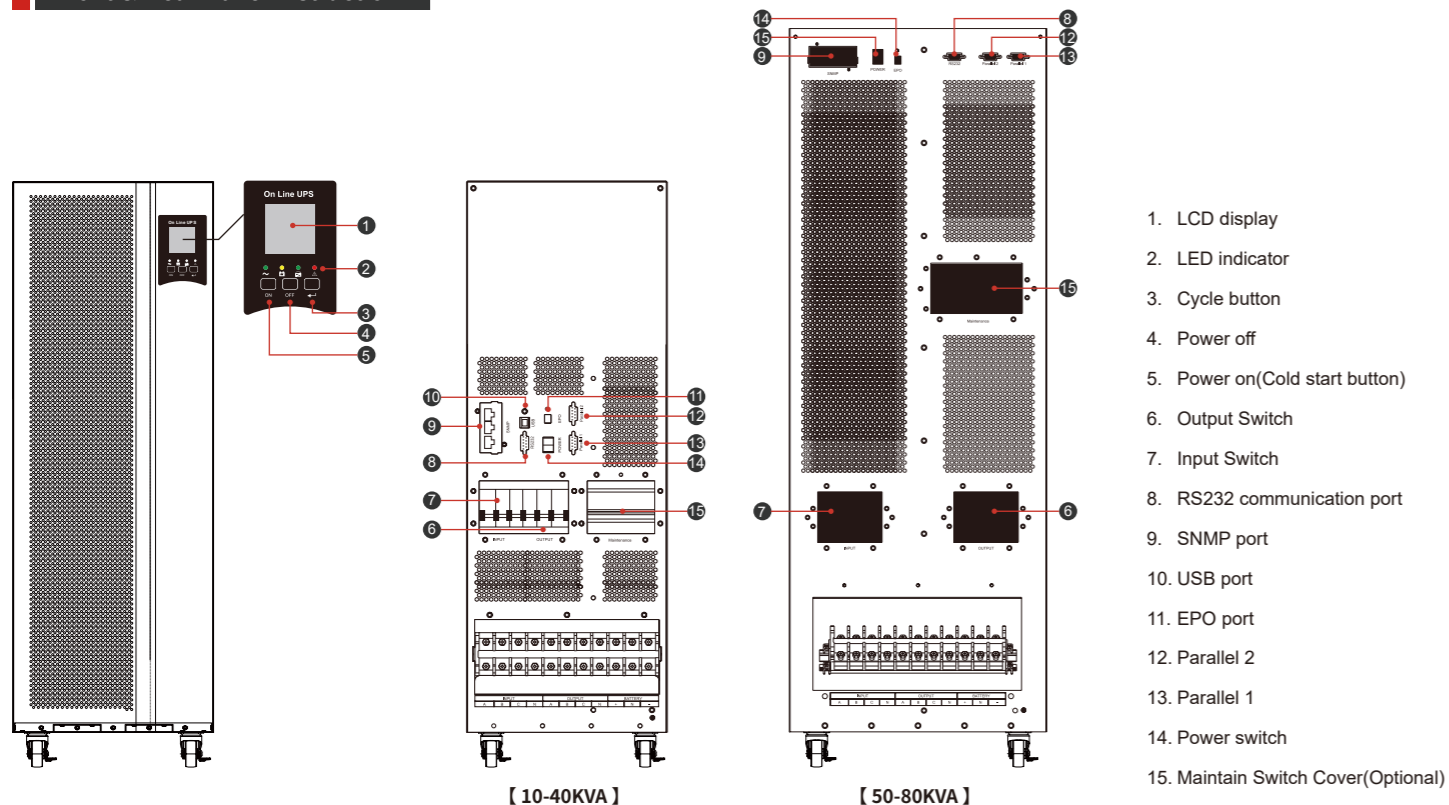
The EH9335 series of three-in-three-out UPS adopts double-change online design, with input power factor correction (PFC), which makes the input power factor as high as 0.99. It has a high energy density ratio, which greatly reduces its own volume and floor space of the computer room. Using digital control, the system is highly stable, with self-protection and fault diagnosis capabilities. This series of UPS can better solve power supply problems such as instantaneous voltage drop, damping oscillation, high voltage pulse, surge voltage, harmonic distortion, clutter interference, and frequency fluctuation for users.



### Product performance

- Double conversion high frequency online design.
- Using digital control, the system is more stable.
- With input power factor correction (PFC), the input power factor is 0.99.
- The number of battery cells can be set according to user needs: ±16/17/18/19/20 cells.
- With parallel interface, 4 units can be paralleled, and battery packs can be shared in parallel.
- The charging current can be set, and the three-stage charging management of constant voltage, constant current, and floating charge can be automatically switched.
- With LCD and LED dual display, users can intuitively understand the working status and parameters of the UPS.
- With a maintenance bypass switch, which can be maintained when the power is uninterrupted.
- The output load capacity is strong, which can adapt to the unbalanced three-phase load.
- With RS232 communication interface and SNMP (optional) card.
- With emergency shutdown (EPO) button interface, in an emergency, press the EPO button to emergency shutdown.

### Front & Rear Panel Instruction



### Specification

Model		EH9335-10KS	EH9335-20KS	EH9335-30KS	EH9335-40KS	EH9335-60KS	EH9335-80KS	EH9335-10K	EH9335-20K	EH9335-30K	EH9335-40K
Capacity	Rated capacity	10KVA/9KW	20KVA/18KW	30KVA/27KW	40KVA/32KW	60KVA/54KW	80KVA/64KW	10KVA/9KW	20KVA/18KW	30KVA/27KW	40KVA/32KW
Input	Input format	Three-phase four-line + ground									
	Rated input voltage	AC 380V/400V/415V									
	Voltage range	AC 208V~478V									
	Frequency range	45-55Hz at50Hz / 54-66Hz at60Hz (Auto)									
	Input power factor	≥0.99									
	Input current harmonic	≤3% (100% Nonlinear load)									
	Bypass range	Bypass protection voltage upper limit: 220V: +25% (Optional +10%, +15%, +25%) 230V: +20% (Optional+ 10%, +15%) 240V: +15% (Optional+10%) Bypass protection voltage lower limit: -45% (Optional -20%-30%) Bypass frequency protection range: ±10%									
Outout	Output format	Three-phase four-line + ground									
	Rated output voltage	AC 380V / 400V / 415V									
	Output power factor	0.8 / 0.9									
	Output accuracy	±1%									
	Output frequency	Online mode: Follow the utility frequency; Battery Mode: 50/60Hz±0.2%									
	Output current harmonic	≤ 2% Linear Load ≤ 5% Nonlinear Load									
Battery	Battery number	Optional: DC±192V/204V/216V/228V/240V (±16/17/18/19/20 pcs) default: DC±192V						7Ah*20	7Ah*20	9Ah*20	9Ah*20
	Charging Current	10A max			20A max			4A max			
Protection	Overload protection	Load 110%, 60min; ≤ 125%, 10min; ≤ 150%, 1min; ≥ 150% Transfer to bypass immediately									
	Over Temperature Protection	Normal mode: switch to bypass mode; battery mode: shut down output immediately									
	Emergency shutdown (EPO)	Shut down output immediately									
	Maintenance bypass	Standard maintenance bypass switch									
Other	Switching time	Utility mode to bypass mode: 0ms; utility mode to battery mode: 0ms									
	Normal mode (full load)	≥efficiency 94.5%									
	Communication interface	RS232,RS485,SNMP Card (optional), electric relay card (optional)									
	Energy Saving Mode (ECO)	Support									
	Self-check function	Support									
	Parallel function	Support up to 4 units in parallel									
	Executive standard	YD/T1095-2018									
Operating Environment	Operating temperature	0~40℃									
	Storage temperature	-25~55℃ (batteries: 0~40℃ )									
	Operating environment humidity	0%~95% (no condensation)									
	Altitude	< 1500m, when above 1500m, when above 1500m, derate according to GB/T 3859.2									
Physical characteristi	Size (D*W*H) (mm)	690*250*734					775*335*978				
	Net Weight (kg)	50	50	51	52	89	90	164	1665	166	167