

High Frequency Online UPS 9 (Three Phase Input Single Phase Output)

EH9335 Series (20KVA-80KVA)





Features

- Parallel Redundancy
- Output load capacity
- Adaptive load three-phase unbalance
- Double conversion high frequency online design
- RS232,RS485 communication interface, parallel cover and SNMP card (optional)
- Maintenance bypass switch

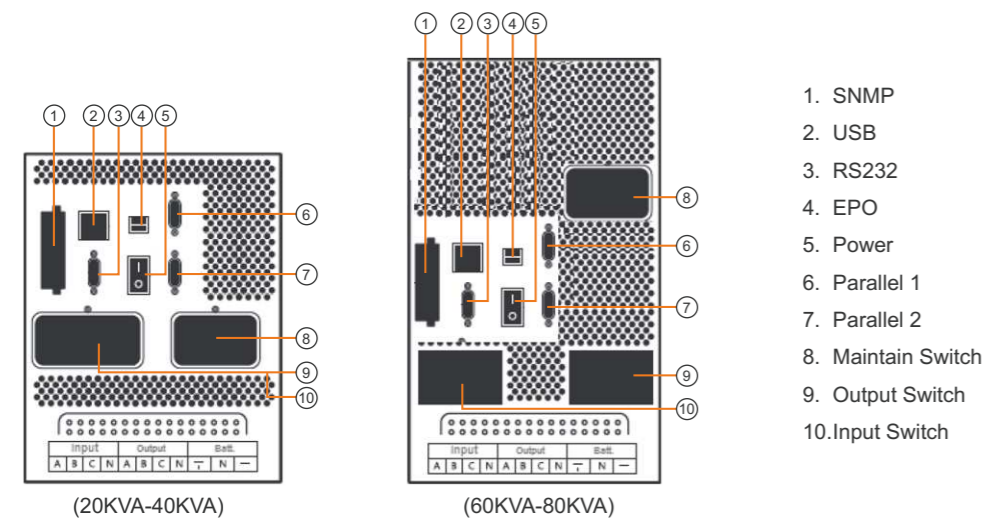
Introduction

EH9335 Pro series three phase UPS adopts double conversion online design. Having input power factor correction (PFC) to make the input power factor up to 0.99. Having high energy density ratio to greatly reduces its own volume and room space. Adopting digital control, the system has high stability and self-protection and fault diagnosis capabilities. This UPS series can solve power problems much better, such as voltage instantaneous drop, amplitude reduction, high voltage pulse, surge voltage, harmonic distortion, clutter interference, and frequency fluctuation.

Applications



Back panel printing description



Specification

Model		EH9335-20KS	EH9335-30KS	EH9335-40KS	EH9335-60KS	EH9335-80KS
CAPACITY		20KVA \ 18KW	30KVA \ 27KW	40KVA \ 32KW	60KVA \ 54KW	80KVA \ 64KW
INPUT	InputPhase	3PH 4W +G				
	Voltage	380				
	Voltage range	≥0.99				
	Frequenc range	45-55Hz at 50Hz \ 54-66Hz at 60Hz (auto adaptation)				
	Power factor	208~478Vac				
	THDi	≤3% (100% non-linear load)				
	Bypass range	Bypass protection voltage upper limit: 220V: + 25% (optional: +10% \ +15% \ +20%); 230V: + 20% (optional: +10% \ +15%); 240V: + 15% (optional: +10%); Bypass protection voltage lower limit: -45% (optional:-20% \ -30%) Bypass frequency protection range: ±10%				
OUTPUT	Output phase	(3PH 4W +G) or (1PH + N)				
	Voltage	380 \ 400 \ 415Vac or 220 \ 230 \ 240Vac				
	Voltage stabilizing accuracy	±1%				
	Frequency	AC mode	±1% \ ±2% \ ±4% \ ±5% \ ±10% setting (50/60±0.2)Hz			
		Battery mode	(50/60±0.2%)Hz			
	Load peak ratio	3:1				
Output voltage distortion		≤2% (linear load)				
		≤5% (non-linear load)				
BATTERY	Battery voltage	Optional:DC±192V \ ±204 \ ±216V \ ±228 \ ±240V (±16 \ 17 \ 18 \ 19 \ 20)				
	Charge current	10A max				
OTHER	Transfer time	AC mode transfer to bypass mode: 0ms ; AC mode transfer to battery mode: 0ms				
	Efficiency	Normal mode ≥ 94.5%				
	Communication interface	USB,RS485,Dry contact, Parallel card(optional) SNMP card (optional)				
	Standar	YD/T1095-2008				
PROTECTION	Overload capacity	Normal mode	≤ 110% for 10 mins, ≤ 125% for 1 mins, ≥ 150% shut down			
	Over temperature		Mormal mode :transfer to bypass mode Battery model : shut down			
	EPO		Shut down			
WORK ENVIR	Temperature	0°C~ 40°C				
	Storage temperature	-25°C ~55°C				
	Relative humidity	0~95% (non condensing)				
	Altitude	< 1500m, (with derating ≥1500m)				
PHYSICAL	Machine dimension (D×W×H)	724X250X734mm			805X335X978mm	
	Net weight (kg)	45	46	48	80.5	82.5