

MODEL	EA9910	EA9915	EA9920	EA9930	EA9940	EA9960
Power rating	10kVA/10kW	15kVA/15kW	20kVA/20kW	30kVA/30kW	40kVA/40kW	60kVA/60kW
INPUT						
Rated voltage	380/400/415Vac (3Φ + N + PE)					
Voltage range	304~478Vac, full load 228V~304Vac, load decrease linearly according to the min phase voltage					
Rated frequency	50/60Hz					
Frequency range	40~70 Hz					
Power factor	>0.99					
Bypass voltage range	Selectable, default -20% ~ +15% Up limited: +10%, +15%, +20%, +25%; Down limited: -10%, -15%, -20%, -30%, -40%					
Bypass frequency range	Selectable, ±1Hz, ±3Hz, ±5Hz					
Input current THDi	<3% (linear load)					
Bypass overload	125%: long term operation; 125%~130%: 10min; 130%~150%: 1min; 150%~400%: 1s; >400%, less than 200ms					
OUTPUT						
Rated voltage	380/400/415Vac(3Φ + N + PE)					
Voltage precision	±1% (linear load)					
Frequency	Synchronized with utility in mains mode, 50/60Hz±0.1% in battery mode					
Waveform	Sinusoidal					
Power factor	1					
Total harmonic distortion (THDv)	<1% (full linear load); <3% (full non-linear load according to IEC/EN62040-3)					
Crest factor	3:1					
Overload	<110%, 60min; 110%~125%,10min; 125%~150%,1min; >150%, 200ms					
BATTERIES						
DC voltage	Long time model: ±240VDC(selectable, 32-40pcs)					
Standard model battery voltage	(10+10)x9AH	(20+20)x7AH	(20+20)x9AH	(15+15)x9Ah x 2 strings	/	
Charging current	10A max.			15A max.		20A max.
Charger voltage precision	1%					
SYSTEM						
Display	5 inch touch screen					
Efficiency	95% max.			96% max.		
Transfer time	0ms					
Interface	Standard:RS232, RS485, USB,Battery cold start Option:Programmable dry contact,SNMP,Parallel kit					
ENVIRONMENT						
Operating temperature	0°C ~ 40°C					
Storage temperature	-40°C~70 °C					
Relative humidity	0 ~ 95% (non condensing)					
Noise level at 1m	58dB max.			62dB max.		
Altitude	<1000m, load derated 1% per 100m from 1000 ~ 2000m					
OTHERS						
Dimensions(W×D×H)(mm)	250x720x560(S))250x720x560(H)	250x800x700(S) 250x720x56(H)	250x840x930(S)) 250x840x650(H)	250x720x560(H) 350x800x1280(S)	250x790x560(H)	
Packaged dimensions(W×D×H)(mm)	350x800x722(S)	350x900x862(S) 350x800x718(H)	350x950x1102(S)	350x800x718(H) 450x900x1400(S)	350x850x818(H)	

	350x800x718(H)					
Net weight(kg)	82(S) 31(H)	131(S) 33(H)	145(S) 33(H)	215(S) 42(H)	42(H) 300(S)	48(H)
Gross weight(kg)	93(S) 40(H)	142(S) 42(H)	156(S) 42(H)	227(S) 52(H)	52(H) 310(S)	58(H)