

MODEL	EA9910RT	EA9915RT	EA9920RT	EA9930RT	EA9940RT	EA9960RT
Capacity	10kVA/10kW	15kVA/15kW	20kVA/20kW	30kVA/30kW	40kVA/40kW	60kVA/60kW
INPUT						
Rated voltage	380 / 400 / 415 Vac (3Φ + N + PE)					
Voltage range	304~478Vac, full load 228 V ~ 304 Vac, load decrease linearly according to the min phase voltage					
Rated frequency	50 / 60 Hz (auto-sensing)					
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					
Total harmonic distortion (THDi)	<3% (full 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 / 415 Vac (3Φ + N + PE)					
Voltage regulation	±1% (full 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	±240VDC(selectable, 32 - 40pcs)					
Charging current	10 A max			15A		20A
Charger voltage precision	1%					
Recharge time	Long time model: depend on the capacity of battery					
SYSTEM						
Efficiency	95% Max			96% Max		
Transfer time	0 ms					
Max. number of parallel connections	4					
Protections	Short-circuit, overload, overtemperature, battery low voltage, overvoltage, undervoltage and fan failure					

Communications	Standard: RS232, USB, RS485, EPO, Dry contacts, Parallel port Optional: SNMP card, WI-FI card, GPRS card, SMS alarms			
Display	LED + 5 inches LCD touch screen			
OTHERS				
Operating temperature	0°C ~ 40°C			
Storage temperature	-40°C~70 °C			
Relative humidity	0 ~ 95% (non-condensing)			
Altitude	<1000m, load derated 1% per 100m from 1000 ~ 2000m			
IP rating	IP 20			
Noise level at 1m	<60dB		<65dB	
Dimensions (W × D × H) (mm)	440*660*130	440*750*130	440*730*130	440*800*130
Packaged dimensions (W × D × H) (mm)	532*800*204	532*890*204	535*865*226	535*930*226
Net weight (kg)	22	24	29	33
Gross weight (kg)	24	26	31	36

- S means standard model, H means long time model.
- All specifications are subject to change without notice.