

MODEL	EA8910i	EA8915i	EA8920i	EA8930i	EA8940i	EA8960i	EA8980i	EA89100i	EA89120i
Capacity	10 kVA / 9 kW	15 kVA / 13.5 kW	20 kVA / 18 kW	30 kVA / 27 kW	40 kVA / 36 kW	60 kVA / 54 kW	80 kVA / 72 kW	100 kVA / 90 kW	120 kVA / 108 kW
<b>INPUT</b>									
Input wiring	Main circuit input: three-phase four-wire (3Φ + PE); Bypass input: three-phase five-wire (3Φ + N + PE)								
Rated voltage	380 / 400 / 415 Vac								
Voltage range	360~460Vac (no derating), 260~360Vac (linear derating between 70%~100% load)								
Rated frequency	50 / 60 Hz								
Frequency range	40 ~ 70Hz								
Power factor	≥ 0.98	≥ 0.99							
Total harmonic distortion (THDi)	≤ 7%			≤ 5%			≤ 3%		
DC cold start component	Built into the UPS host								
DC anti-reverse connection component	Built into the UPS host								
<b>OUTPUT</b>									
Output wiring	Three-phase five-wire (3Φ + N + PE)								
Rated voltage	380 / 400 / 415 Vac								
Output voltage regulation	± 1.5%								
Output frequency regulation	Mains mode: synchronous with bypass input; battery mode: 50 / 60 Hz ± 0.1%								
Waveform	Sinusoidal								
Power factor	0.9								
Voltage distortion (THDv)	≤ 2% (linear load), ≤ 5% (non-linear load)								
Crest factor	3:1								
Overload	105% < load ≤ 110% for 60 min, 110% < load ≤ 125% for 10 min, 125% < load ≤ 150% for 1 min								
<b>BATTERIES</b>									
DC voltage	Default 360 Vdc						Default 600 Vdc		
Number of batteries	12 V x 30 pcs (29~40 pcs settable)						12 V x 50 pcs (48~52 pcs settable)		
Charging current	Charging rate (settable) × battery capacity (settable) × number of battery groups (settable)								
<b>SYSTEM</b>									
Efficiency	86.5%	89%	87.7%	88.8%	88.8%	89.5%	Line mode ≥ 92%, ECO mode ≥ 97%		
Parallel	Up to 6 units								
Protections	Short-circuit, overload, overtemperature, overvoltage, undervoltage, battery low voltage and fan failure								
Communications	Standard configuration: USB, RS232, RS485, CAN, dry contacts Optional configuration: SNMP card, WIFI card, GPRS card, GSM-SM modem alarm, temperature compensation, SMS alarms								
Display	7 inches LCD touch screen + LED								
<b>OTHERS</b>									
Operating temperature	0 ~ 40°C								
Storage temperature	- 25°C ~ 55°C (without battery)								
Relative humidity	0% ~ 95% (non-condensing)								
Altitude	≤1000 m. Above 1000 m, derating 1% for each additional 100 m								
IP rating	IP30 (IP31 possible with additional optional accessory)								
Noise level at 1 m	≤55dB	≤60dB			≤70dB		< 65dB		
Dimensions (W × D × H) (mm)	600 × 660 × 1600					800 × 600 × 1800	800 × 800 × 1800		
Packaged dimensions (W × D × H) (mm)	700 × 700 × 1700					900 × 700 × 1900	900 × 900 × 2050		
Net weight (kg)	215	225	275	310	340	430	580	630	680
Gross weight (kg)	265	275	325	360	390	480	630	680	730