

Specifications

MODEL	EA906II	EA9010II	EA9015II	EA9020II
Capacity	6 KVA / 5.4 KW	10 KVA / 9 KW	15 KVA / 13.5 KW	20 KVA / 18 KW
INPUT				
Rated voltage	3:1: 360 V / 380 V / 400 V / 415 Vac; 1:1: 208 V / 220 V / 230 V / 240 Vac (settable via LCD)			
Voltage range	3:1: half load (190 ~ 520) ± 5Vac, full load (277 ~ 520) ± 5 Vac; 1:1: half load (110 ~ 300) ± 5Vac, full load (160 ~ 300) ± 5 Vac.			
Frequency	40 ~ 70 Hz (auto-sense)			
Power factor	3:1 ≥ 0.95; 1:1 ≥ 0.99			
BYPASS				
Voltage range	160 V ~ rated output voltage +32 V			
Frequency	50 / 60 Hz ± 5 Hz			
OUTPUT				
Voltage	208 V / 220 V / 230 V / 240 Vac (settable via LCD)			
Voltage regulation	± 1%			
Frequency	Synchronized with utility in mains mode; 50 / 60 ± 0.2 Hz in battery mode			
Waveform	Sinusoidal			
Crest factor	3:1			
Harmonic distortion	≤ 2% (linear load); ≤ 5% (non-linear load)			
Transfer time	0 ms			
Overload capability	105% ~ 125%: transfer to bypass in 3 mins; 125% ~ 150%: transfer to bypass in 30 s; > 150%: transfer to bypass in 1 s			
EFFICIENCY				
Mains mode	≥ 92%			
Battery mode	≥ 91%			
ECO mode	≥ 98%			
BATTERIES				
DC voltage	192 Vdc / 240 Vdc			
Inbuilt battery of standard model	16 / 20 × 7 Ah	16 / 20 × 9 Ah	/	
Charging current	Standard model	1 A	/	
	Long time model	7 A		
Recharge time	8 h			
ALARMS				
Utility failure	4 s per beep			
Low battery	1 s per beep			
Overload	1 s twice beep			
UPS fault	Long beep			
COMMUNICATIONS				
RS232 / USB (standard)	Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / Windows® 7 / 8 / 10			
SNMP (optional)	Power management from SNMP manager and web browser			
OTHERS				
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)			
Noise level	≤ 58 dB (1m)			≤ 60 dB (1m)
Dimensions (W × D × H) (mm)	262 × 580 × 455 (H), 262 × 580 × 732 (S)		262 × 580 × 628 (H)	
Packaged dimensions (W × D × H) (mm)	355 × 682 × 615 (H), 359 × 687 × 937 (S)		359 × 687 × 832 (H)	
Net weight (kg)	25.0 (H), 73.0 (S)	25.5 (H), 74.0 (S)	38.5 (H)	39.0 (H)
Gross weight (kg)	28.5 (H), 82.5 (S)	29.0 (H), 83.5 (S)	47.0 (H)	47.5 (H)

- Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208Vac.
- 3: 1 means three-phase input and single-phase output mode; 1: 1 means single-phase input and single-phase output mode.
- S means standard model, H means long time model.

- All specifications subject to change without notice.
- Custom-made specifications are acceptable.