EA900II RT

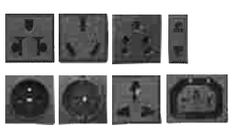
1KVA ~ 10KVA
PF 0.9

1 ~ 3KVA

6 ~ 10KVA

Features

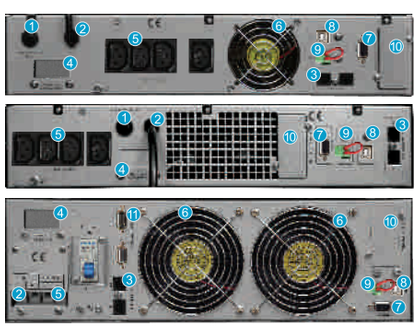
- Rack / Tower design
- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range (110 V ~ 300 V)
- Output power factor 0.9
- Cold start
- Auto sensing frequency
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- Output bypass settable for 1,2,3 KVA via LCD
- 50 Hz / 60 Hz frequency conversion mode available on 6 ~ 10 KVA
- Selectable battery low voltage via LCD
- Power-on self test
- Advanced battery management (ABM)
- Short circuit and overload protection
- Automatic charging in OFF mode
- Fan speed auto control when loads varies
- Standard RS232 communication port and RJ45 protection
- Optional USB / SNMP communication port
- Optional emergency power off (EPO)
- Optional extension battery bank
- Optional N+X redundancy parallel on 6 ~ 10 KVA



Optional sockets

Rear Panel

1.Overcurrent Protection
2. AC Input
3. Modem/Tel/Fax
4. DC Input
5. Outlet
6. Fan
7. RS232
8. USB (optional)
9. EPO (optional)
10. SNMP/AS400 (optional)
11. Parallel Card (optional)



Specifications

MODEL		EA901IIRT	EA902IIRT	EA903IIRT	EA906IIRT	EA9010IIRT
Capacity		1 KVA / 900 W	2 KVA / 1800 W	3 KVA / 2700 W	6 KVA / 5400 W	10 KVA / 9000 W
INPUT						
Rated voltage		208 V / 220 V / 230 V / 240 Vac				
Voltage range		Half load (115 ~ 295) ± 5 Vac, full load (145 ~ 295) ± 5 Vac			Half load (115 ~ 295) ± 5 Vac, full load (165 ~ 295) ± 5 Vac	
Frequency		45 ~ 55 Hz ± 0.5% Hz or 55 ~ 65 Hz ± 0.5% Hz (auto-sense)			40 ~ 70 Hz ± 0.5% (auto-sense)	
Power factor		⩾ 0.98			⩾ 0.99	
Bypass voltage range		Rated output voltage -34 V ~ rated output voltage +32 V			160 V ~ rated output voltage +32 V	
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 Hz ± 0.2 Hz in battery mode				
Waveform		Sinusoidal				
Crest factor		3:1				
Harmonic distortion		⩽ 3% (linear load); ⩽ 5% (non-linear load)			⩽ 2% (linear load); ⩽ 5% (non-linear load)	
Transfer time		Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 4 ms (typical)			Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 0 ms	
Overload		105% ~ 150%: transfer to bypass in 30 s; >150%: transfer to bypass in 300 ms			105% ~ 125%:transfer to bypass in 3 mins; 125% ~ 150%: transfer to bypass in 30 s; >150%: transfer to bypass in 100 ms	
EFFICIENCY						
Mains mode		⩾ 90%			⩾ 92%	
Battery mode		⩾ 87%			⩾ 91%	
ECO mode		⩾ 98%			⩾ 98%	
BATTERIES						
DC voltage		24 V	48 V	72 V	192 V	
Inbuilt battery of standard model		2 × 9 Ah	4 × 9 Ah	6 × 9 Ah	16 × 7 Ah	16 × 9 Ah
Charging current	Standard model	1 A				
	Long time model	6 A			1 A / 3 A / 5 A / 8 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 (standard), USB (optional)		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℃ (non-condensing)				
Noise level		⩽ 50 dB (1m)			⩽ 55 dB (1m)	
Long time model	Dimensions (W × D × H) (mm)	440 × 468 × 88			440 × 555 × 132	
	Packaged dimensions (W × D × H) (mm)	530 × 590 × 170			535 × 660 × 215	
	Net / Gross weight (kg)	8.6 / 12.0	10.7 / 14.1	12.3 / 15.7	16.4 / 20.7	17.1 / 21.4
Standard model	Dimensions (W × D × H) (mm)	440 × 468 × 88	440 × 718 × 88		440 × 555 × 132 (UPS)	
					440 × 555 × 132 (BAT)	
	Packaged dimensions (W × D × H) (mm)	530 × 590 × 170	530 × 825 × 170		535 × 660 × 215 (UPS)	
					540 × 685 × 235 (BAT)	
	Net / Gross weight (kg)	14.3 / 17.7	23.4 / 26.8	29.7 / 33.1	16.4 / 20.7 (UPS)	17.1 / 21.4 (UPS)
					43.6 / 47.1 (BAT)	49.6 / 53.1 (BAT)

- Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208Vac.
- S means standard model, H means long time model.
- All specifications subject to change without notice.
- Custom-made specifications are acceptable.