EA900II RT

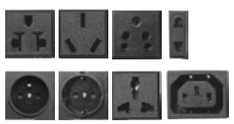
1KVA~10KVA
220V
PF 0.9

1-3KVA

6-10KVA

Features

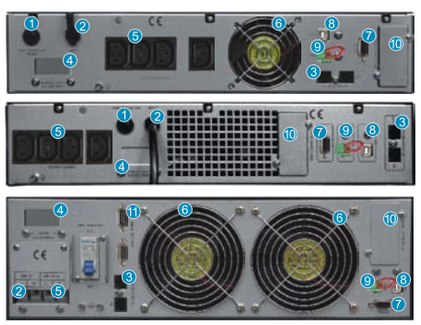
- Rack/Tower design
- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range (110V-300V)
- Output power factor 0.9
- Cold start
- Frequency adaptive
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- Output bypass settable for 1,2,3KVA via LCD
- 50Hz/60Hz frequency converter mode available on 6-10KVA
- Selectable battery low voltage via LCD
- Automatically diagnose when starts
- Advanced battery management (ABM)
- Short circuit and overload protection
- Automatically charging battery at UPS off mode
- Fan speed auto control when load 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 6-10KVA



Optional socket

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		1KVA/900W	2KVA/1800W	3KVA/2700W	6KVA/5400W	10KVA/9000W
INPUT						
Rated Voltage		208V/220V/230V/240VAC				
Voltage Range		Half load (115-295)±5VAC,Full load (145-295)±5VAC			Half load (115-295)±5VAC, Full load (165-295)±5VAC	
Frequency		45-55Hz±0.5%Hz or 55-65Hz±0.5%Hz (Auto Sensing)			40-70Hz±0.5% (Auto Sensing)	
Power Factor		≥0.98			≥0.99	
Bypass Voltage Range		Rated output voltage-34V- Rated output voltage+32V			160V ~ Rated output voltage+32V	
OUTPUT						
Voltage		208V/220V/230V/240VAC Setting available via LCD				
Voltage Regulation		±1%				
Frequency		Synchronized with utility on AC mode;50/60±0.2Hz on battery mode				
Waveform		Pure sine wave				
Crest Factor		3:1				
Harmonic Distortion		≤3%(Linear load);≤5%(Non-linear load)			≤2%(Linear load);≤5%(Non-linear load)	
Transfer Time		AC mode to battery mode :0ms Inverter model to bypass mode:4ms(Typical)			AC mode to battery mode :0ms Inverter model to bypass mode:0ms	
Overload Capability		105%-150%:Transfer to bypass after 30s; >150%: Transfer to bypass after 300ms			105%-125%:Transfer to bypass after 3mins; 125%-150%: Transfer to bypass after 30s; >150%: Transfer to bypass after 100ms	
EFFICIENCY						
AC Mode		≥90%			≥92%	
Battery Mode		≥87%			≥91%	
ECO Mode		≥98%			≥98%	
BATTERY						
DC Voltage		24V	48V	72V	192V	
Inbuilt Battery of Standard Model		2*9Ah	4*9Ah	6*9Ah	16*7Ah	16*9Ah
Charge Current	Standard Model	1A				
	Long Time Model	6A			1A/3A/5A/8A	
Typical Recharge Time		8 hours recover to 90% capacity				
ALARM						
Utility Failure		Beep/4s				
Battery Low		Beep/1s				
Overload		Beep Twice/1s				
UPS Fault		Long Beep				
ENVIRONMENT						
Humidity		20~90% RH @ 0~40℃(non-condensing)				
Noise Level		≤50dB (1m)			≤55dB (1m)	
MANAGEMENT						
Standard RS-232 ,Optional USB		Supports Windows® 98/2000/2003/XP/Vista/2008/ Windows® 7/8				
Optional SNMP		Power management from SNMP manager and web browser				
PHYSICAL						
Long Time Model	Dimension(mm) W*D*H	440x480x88			440x555x132	
	Packing Dimension(mm) W*D*H	580x590x200			535x660x215	
	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	Dimension(mm) W*D*H	440x630x88	440x630x88		440x555x132(UPS)	
					440x555x132(BAT)	
	Packing Dimension(mm) W*D*H	580x590x200	530x710x170		535x660x215(UPS)	
					540x685x235(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 backup time model.
- All specifications subject to change without notice.
- Custom-made specifications are acceptable