

EA900RT

1KVA ~ 10KVA
PF 0.9

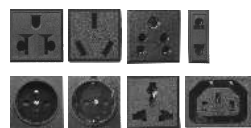


Features

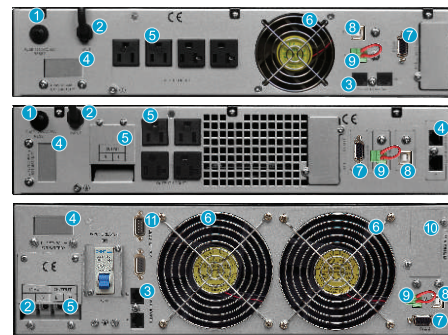
- Rack and tower convertible
- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range
- Output power factor 0.9
- Cold start
- Auto sensing frequency
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- Output bypass settable via LCD
- 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

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)



Optional sockets



Specifications

MODEL	EA901RT	EA902RT	EA903RT	EA906RT	EA9010RT
Capacity	1KVA / 900W	2KVA / 1800W	3KVA / 2700W	6KVA / 5400W	10KVA / 9000W
INPUT					
Rated voltage	100V / 110V / 115V / 120V / 127Vac			208V / 220V / 230V / 240Vac	
Voltage range	(55 ~ 145) ± 5Vac (60% load); (65 ~ 145) ± 5Vac (70% load) (75 ~ 145) ± 5Vac (80% load); (85 ~ 145) ± 5Vac (100% load)			Half load (115 ~ 295) ± 5Vac Full load (165 ~ 295) ± 5Vac	
Frequency	45 ~ 55Hz ± 0.5% or 55 ~ 65Hz ± 0.5%(auto-sense)			40 ~ 70Hz ± 0.5% (auto-sense)	
Power factor	≥ 0.98			≥ 0.99	
Bypass voltage range	(95 ~ 135) ± 5Vac			160V ~ 252Vac or (95 ~ 135) ± 5Vac	
OUTPUT					
Voltage	100V / 110V / 115V / 120V / 127Vac (settable via LCD)			100V/110V/115V/120V/127Vac (settable via LCD) or 208V/220V/230V/240Vac (settable via LCD)	
Voltage regulation	± 1%				
Frequency	Synchronized with utility in mains mode; 50 / 60 ± 0.2Hz 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 capability	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	24V	48V	72V	192V	
Inbuilt battery of standard model	2 × 9Ah	4 × 9Ah	6 × 9Ah	16 × 7Ah	16 × 9Ah
Charging current	Standard model	1A			
	Long time model	6A			1A / 3A / 5A / 8A
Recharge time	8 h				
ALARM					
Utility failure	Beep / 4 s				
Battery low	Beep / 1 s				
Overload	Beep twice / 1 s				
UPS fault	Long beep				
COMMUNICATIONS					
RS232 (standard) / USB (option)	Supports Windows 98 / 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10				
SNMP (option)	Power management from SNMP manager and web browser				
OTHERS					
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)				
Noise level	≤ 50dB (1m)			≤ 55dB (1m)	
Long time model	Dimensions (mm) W x D x H	440 × 468 × 88			440 × 580 × 132 (UPS) 440 × 580 × 132 (transformer)
	Packaged dimensions (mm) W x D x H	530 × 590 × 170			511 × 683 × 192 (UPS) 511 × 683 × 192 (transformer)
	Net / Gross weight (kg)	6.0 / 7.5	12.0 / 13.5	13.0 / 14.5	16.5 (UPS) 17.0 (UPS) 49.0 (transformer) 69.0 (transformer)
Standard model	Dimensions (mm) W x D x H	440 × 468 × 88	440 × 690 × 88		440 × 580 × 132 (UPS) 440 × 580 × 132 (transformer) 440 × 580 × 132 (battery)
	Packaged dimensions (mm) W x D x H	530 × 590 × 170	530 × 825 × 170		511 × 683 × 192 (UPS) 511 × 683 × 192 (transformer) 511 × 683 × 192 (battery)
	Net / Gross weight (kg)	12.0 / 13.5	28.5 / 30.0	33.5 / 35.0	16.5 (UPS) 17.0 (UPS) 60.0 (battery) 66.5 (battery) 49.0 (transformer) 69.0 (transformer)

● 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