

EA900II RT

6KVA ~ 10KVA
PF 0.9

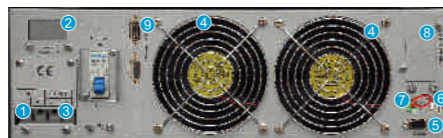


Features

- 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
- 50 Hz / 60 Hz frequency conversion mode
- 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 temperature 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

Rear Panel

1. AC Input
2. DC Input
3. Outlet
4. Fan
5. RS232
6. USB (optional)
7. EPO (optional)
8. SNMP/AS400 (optional)
9. Parallel Card (optional)



Specifications

| MODEL | EA906IIRT | EA9010IIRT |
|-----------------------------------|--|--|
| Capacity | 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 (165 ~ 295) ± 5 Vac | |
| Frequency | 40 ~ 70 Hz ± 0.5% (auto-sense) | |
| Power factor | ≥ 0.99 | |
| Bypass voltage range | 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 | ≤ 2% (linear load); ≤ 5% (non-linear load) | |
| Transfer time | Mains mode to battery mode: 0 ms; Inverter mode to bypass mode: 0 ms | |
| Overload | 105% ~ 125% for 3 mins, 125% ~ 150% for 30 s, >150% for 0.5 s | |
| EFFICIENCY | | |
| Mains mode | ≥ 92% | |
| Battery mode | ≥ 91% | |
| ECO mode | ≥ 98% | |
| BATTERIES | | |
| DC voltage | 192 V | |
| Inbuilt battery of standard model | 16 × 7 Ah | 16 × 9 Ah |
| Charging current | Standard model | 1 A |
| | Long time model | 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°C (non-condensing) | |
| Noise level | ≤ 55 dB (1m) | |
| Long time model | Dimensions (W × D × H) (mm) | 440 × 580 × 132 (UPS) |
| | Packaged dimensions (W × D × H) (mm) | 530 × 703 × 227 (UPS) |
| Standard model | Net / Gross weight (kg) | 16.4 / 20.7 |
| | Dimensions (W × D × H) (mm) | 440 × 580 × 132 (UPS), 440 × 580 × 132 (BAT) |
| Standard model | Packaged dimensions (W × D × H) (mm) | 530 × 703 × 227 (UPS), 530 × 703 × 227 (BAT) |
| | Net / Gross weight (kg) | 17.1 / 21.4 (UPS) 43.6 / 47.1 (BAT) |
| | | 17.1 / 21.4 (UPS) 49.6 / 53.1 (BAT) |

- Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208Vac.
- All specifications subject to change without notice.
- Custom-made specifications are acceptable.