

AR900II

1KVA~3KVA

220V

PF 0.9

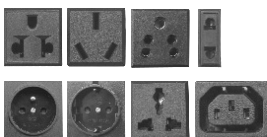


Features

- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range (110V-300V)
- Output power factor 0.8/0.9
- Cold start
- Frequency adaptive
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- Output bypass settable via LCD
- 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 built-in isolation transformer

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)



Optional socket



Online Transformerless UPS

Specifications

| MODEL | AR901II | AR902II | AR903II |
|-----------------------------------|---|-----------------|-----------------|
| Capacity | 1KVA/900W | 2KVA/1800W | 3KVA/2700W |
| INPUT | | | |
| Rated Voltage | 208V/220V/230V/240VAC | | |
| Voltage Range | Half load (110-300) \pm 5VAC; Full load (160-300) \pm 5VAC | | |
| Frequency | 40-70Hz(Auto Sensing) | | |
| Power Factor | \geq 0.98 | | |
| Bypass Voltage Range | Rated output voltage-34V ~ Rated output voltage+32V | | |
| OUTPUT | | | |
| Voltage | 208V/220V/230V/240VAC Setting available via LCD | | |
| Voltage Regulation | \pm 1% | | |
| Frequency | 45-55Hz or 55-65Hz (Synchronized range);50/60 \pm 0.2Hz(Battery mode) | | |
| Waveform | Pure sine wave | | |
| Crest Factor | 3:1 | | |
| Harmonic Distortion | \leq 2%(Linear load); \leq 5%(Non-linear load) | | |
| Transfer Time | AC mode to battery mode :0ms Inverter model to bypass mode:4ms(Typical) | | |
| Overload Capability | 105%-150%: Transfer to bypass after 30s; >150%: Transfer to bypass after 300ms | | |
| EFFICIENCY | | | |
| AC Mode | \geq 90% | | |
| Battery Mode | \geq 87% | | |
| ECO Mode | \geq 94% | | |
| BATTERY | | | |
| DC Voltage | 24V | 48V | 72V |
| Inbuilt Battery of Standard Model | 2x9Ah | 4x9Ah | 6x9Ah |
| Charge Current | Standard Model | 1A | |
| | Long Time Model | 6A | |
| 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°C(non-condensing) | | |
| Noice Level | \leq 50dB (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 | | | |
| Dimension(mm) WxDxH | 144x357x215 | 190x452x341 | |
| Packing Dimension(mm) WxDxH | 230x445x315 | 320x550x462 | |
| Net Weight(kg) | 5.6(H),10.1(S) | 11.0(H),20.5(S) | 11.6(H),25.7(S) |
| Gross Weight(kg) | 6.9(H),11.4(S) | 13.1(H),22.7(S) | 13.7(H),27.9(S) |

- 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