

AR900II

6KVA~10KVA
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 0.9
- Cold start
- Frequency adaptive
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- 50Hz/60Hz frequency converter mode available
- 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
- Optional USB/SNMP communication port
- Optional emergency power off (EPO)
- Optional extension battery bank
- Optional built-in isolation transformer
- Optional manual bypass
- Optional N+X redundancy parallel

Rear Panel

1. AC Input
2. Modem/Tel/Fax
3. DC Input
4. Outlet
5. FAN
6. RS232
7. USB(Optional)
8. EPO (Optional)
9. Manual Bypass(Optional)
10. SNMP/AS400(Optional)
11. Breaker
12. Parallel Card(Optional)
13. BAT_NTC(Optional)



Specifications

MODEL	AR906II	AR9010II
Capacity	6KVA/5400W	10KVA/9000W
INPUT		
Rated Voltage	208V/220V/230V/240VAC	
Voltage Range	Half load (110-300)±5VAC Full load (160-300)±5VAC	
Frequency	40-70Hz(Auto Sensing)	
Power Factor	≥0.99	
Bypass Voltage Range	160V ~ Rated output voltage+32V	
OUTPUT		
Voltage	208V/220V/230V/240VAC Setting available via LCD	
Voltage Regulation	±1%	
Frequency	45-55Hz or 55-65Hz (Synchronized range);50/60±0.2Hz(Battery mode)	
Waveform	Pure sine wave	
Crest Factor	3:1	
Harmonic Distortion	≤2%(Linear load);≤5%(Non-linear load)	
Transfer Time	AC mode to battery mode :0ms Inverter mode to bypass mode:0ms	
Overload Capability	105% - 125%: Transfer to bypass after 3mins; 125% - 150%: Transfer to bypass after 30s; > 150%: Transfer to bypass after 100ms	
EFFICIENCY		
AC Mode	≥92%	
Battery Mode	≥91%	
ECO Mode	≥98%	
BATTERY		
DC Voltage	192V	
Inbuilt Battery of Standard Model	16*7Ah	16*9Ah
Charge Current	Standard Model	1A
	Long Time Model	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°C(non-condensing)	
Noise Level	≤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		
Dimension(mm) WxDxH	262 x 514 x 455(H), 262 x 514 x 735(S)	
Packing Dimension(mm) WxDxH	365 x 605 x 610(H), 390 x 625 x 937(S)	
Net Weight(kg)	22.1(H), 64.1(S)	22.8(H), 70.8(S)
Gross Weight(kg)	25.2(H), 72.2(S)	25.9(H), 78.9(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