ARES
YOUR RELIABLE UPS PARTNER

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)

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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 model 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℃(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		262×514×455(H),262×514×735(S)	
Packing Dimension(mm) WxDxH		365×605×610(H),390×625×937(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

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