



## AR900II RT

1KVA~10KVA  
220V



1-3KVA

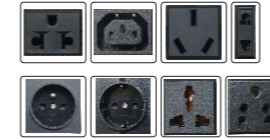


6-10KVA

### Features

- Rack/Tower design
- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range (110V-300V)
- Output power factor 0.9/0.8
- Code start
- Frequency adaptive
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- Output bypass settable for 1,2,3KVA 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

### Rear Panel



- 1 Overcurrent Protection
- 2 AC Input
- 3 Modem/Tel/Fax
- 4 DC Input
- 5 Outlet
- 6 FAN
- 7 RS232
- 8 SNMP/USB/AS400 (Optional)

### Specifications

MODEL	AR901IIRT	AR902IIRT	AR903IIRT	AR906IIRT	AR9010IIRT
Capacity	1KVA/900W	2KVA/1800W	3KVA/2700W	6KVA/5400W	10KVA/9000W
<b>INPUT</b>					
Rated Voltage	208V/210V/220V/230V/240VAC				
Voltage Range	Half load (115-295)±5VAC ; Full load (145-295)±5VAC				
Frequency	45-55Hz±0.5%Hz or 55-65Hz±0.5%Hz (Auto Sensing)				
Power Factor	>=0.98				
Bypass Voltage Range	Rated output voltage-34V- Rated output voltage+32V				
<b>OUTPUT</b>					
Voltage	208V/210V/220V/230V/240VAC Setting available via LCD				
Voltage Regulation	±1%				
Frequency	Synchronized with utility on AC mode;50/60±0.2Hz on battery mode				
Waveform	Pure sine wave				
Crest Factor	3:1				
Harmonic Distortion	<3%(Linear load); <5%(Non-linear load)				
Transfer Time	AC mode to battery mode :0ms Inverter model to bypass mode:4ms(Typical)		AC mode to battery mode :0ms Inverter model to bypass mode:0ms		
Overload Capability	105%-150%: Transfer to bypass after 30s; >150%: Transfer to bypass after 300ms		105%-125%: Transfer to bypass after 3mins; 125%-150%: Transfer to bypass after 30s; >150%: Transfer to bypass after 100ms		
<b>EFFICIENCY</b>					
AC Mode	Same as input frequency			Same as input frequency	
Battery Mode	50/60 ± 0.2Hz			50/60 ± 0.2Hz	
ECO Mode	>=94%			Non ECO	
<b>BATTERY</b>					
DC Voltage	24V	48V	72V	192V	
Inbuilt Battery of Standard Model	2*9Ah	4*9Ah	6*9Ah	16*9Ah	
Charge Current	Standard Model		1A		
	Long Time Model		6A		
Typical Recharge Time	8 hours recover to 90% capacity				
<b>ALARM</b>					
Utility Failure	Beep/4s				
Battery Low	Beep/1s				
Overload	Beep Twice/1s				
UPS Fault	Long Beep				
<b>ENVIRONMENT</b>					
Humidity	20~90% RH @ 0~40°C(non-condensing)				
Noise Level	<50dB (1m)			<55dB (1m)	
<b>MANAGEMENT</b>					
Standard RS-232 , Optional USB	Supports Windows 98/2000/2003/XP/Vista/2008/7/8				
Optional SNMP	Power management from SNMP manager and web browser				
<b>PHYSICAL</b>					
Long Time Model	Dimension(mm) W*D*H	440x468x88			440x565x132
	Packing Dimension(mm) W*D*H	580x590x200			535x660x215
Standard Model	Net/Gross Weight(kg)	6.0/7.0	12.0/13.5	13.0/14.5	19.0/21.5
	Dimension(mm) W*D*H	440x468x88	440x690x88		440x565x132(UPS) 440x565x132(BAT)
Standard Model	Packing Dimension(mm) W*D*H	580x590x170	530x825x170		535x660x215(UPS) 546x676x266(BAT)
	Net/Gross Weight(kg)	12.0/13.5	28.0/29.5	33.0/34.5	19.0/21.5(UPS),52.0/54.5(BAT)

Mark: S means standard model, H means long backup time model.

All specifications subject to change without notice. made specifications are acceptable-Custom