

# WEA900II RT

1KVA~3KVA  
120V



## Features

- Rack/Tower design
- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range
- 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 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	WEA901II RT	WEA902II RT	WEA903II RT
Capacity	1KVA/900W	2KVA/1800W	3KVA/2700W
<b>INPUT</b>			
Rated Voltage	100V/110V/115V/120V/127VAC		
Voltage Range	(55~145) ±5VAC(60% load); (65~145) ±5VAC(70% load)		
Frequency	(75~145) ±5VAC(80% load); (85~145) ±5VAC(100% load)		
Power Factor	45-55Hz±0.5%Hz or 55-65Hz±0.5%Hz (Auto Sensing)		
Bypass Voltage Range	≥0.98		
<b>OUTPUT</b>			
Voltage	(95~135) ±5VAC		
Voltage Regulation	100V/110V/115V/120V/127VAC Setting available via LCD		
Frequency	±1%		
Waveform	Synchronized with utility on AC mode;50/60±0.2Hz on battery mode		
Crest Factor	Pure sine wave		
Harmonic Distortion	3:1		
Transfer Time	≤3%(Linear load);≤5%(Non-linear load) Between AC mode and battery mode :0ms		
Overload Capability	Between AC model and bypass mode:4ms(Typical) 105%-150%:Transfer to bypass after 30s; >150%: Transfer to bypass after 300ms		
<b>EFFICIENCY</b>			
AC Mode	≥90%		
Battery Mode	≥87%		
ECO Mode	≥98%		
<b>BATTERY</b>			
DC Voltage	24V	48V	72V
Inbuilt Battery of Standard Model	2*9Ah	4*9Ah	6*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℃(non-condensing)		
Noise Level	≤50dB (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	
	Packing Dimension(mm) W*D*H	530x590x170	
Standard Model	Net/Gross Weight(kg)	6.0/7.5	13.0/14.5
	Dimension(mm) W*D*H	440x468x88	440x690x88
Standard Model	Packing Dimension(mm) W*D*H	530x590x170	530x825x170
	Net/Gross Weight(kg)	12.0/13.5	28.5/30.0
			33.5/35.0

\* S means standard model, H means long backup time model.

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