



Australia PowerUps



# MEMOPOWER RT SERIES

1~3kVA  
1:1 phase PF: 0.8

## Features

- Rack-Tower convertible
- Two directions LCD display
- Online-Double conversion (PFC)
- Full digital control (DSP)
- Output power factor: 0.8
- Economic operation mode (ECO)
- Wide input voltage range
- Self-testing when UPS startup
- Cold start
- Multifunctional protection
- Output bypass can be set
- Input L and N reversed alarm function
- Optimized battery configuration(1k:24Vdc, 2k:48Vdc, 3k:72Vdc)
- Charger can be extended
- Diverse options of accessories, intelligent management
- Intelligent slot optional: USB/SNMP/Dry contact card



Rack-Tower convertible



Two directions LCD display



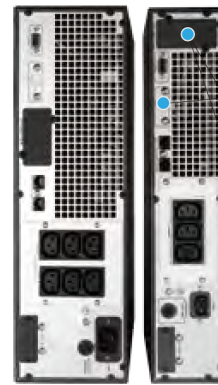
Multifunctional bracket



Battery Cabinets (Optional)



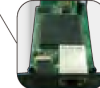
Optimized battery configuration(1k:24Vdc, 2k:48Vdc,3k:72Vdc)



Rear Panel



USB



SNMP



Drycontact board

## Technical Specifications:

MODEL	MEMO S RT 1kVA	MEMO H RT 1kVA	MEMO S RT 2kVA	MEMO H RT 2kVA	MEMO S RT 3kVA	MEMO H RT 3kVA
Capacity (VA/Watts)	1000 / 800		2000 / 1600		3000 / 2400	
<b>INPUT</b>						
Nominal voltage	220 / 230 / 240Vac					
Operating voltage range	115 ~ 295Vac					
Operating frequency range	50/60Hz ± 10% (auto sensing)					
Power factor	≥0.99					
<b>OUTPUT</b>						
Output voltage	200/208/220/230/240Vac ± 1%					
Output frequency	Synchronized with the utility on AC mode; 50/60Hz ± 0.2% on battery mode					
Crest factor	3:1 (max)					
Harmonic distortion (THD)	<3% (linear load)					
Efficiency	>87%		>89%			
	>94%(high efficiency mode)					
<b>BATTERY</b>						
DC voltage	24Vdc		48Vdc		72Vdc	
Battery type & number	12V/9Ah × 2		12V/9Ah × 4		12V/9Ah × 6	
Backup time	Full load ≥ 5min(Standard), Long run unit depends on the capacity of battery.					
Charge current	1A	6A	1A	7A	1A	7A
<b>SYSTEM FEATURES</b>						
Overload capability	1. 105%~150%, 30s turn to bypass mode and alarm (mains mode) 2.>150% 300ms turn to bypass mode and alarm (mains mode)					
	1. 105%~150%, exceed 30s, shut down and alarm (battery mode) 2.>150%, exceed 300ms, shut down and alarm (battery mode)					
Transfer time	1. 0ms (Mains→Battery); 2. <4ms (Mains ↔Bypass) 3. <10ms (Mains →ECO); 4. <10ms (Battery →ECO)					
Communication interface	RS232, optional (USB port, USB card, SNMP card, Dry contact card)					
<b>ENVIRONMENTAL</b>						
Operating temperature	0~40°C					
Storage temperature	-25°C ~ 55°C					
Humidity range	0~95% (non-condensing)					
Storage temperature	-25°C ~ 55°C					
Altitude	< 1500m					
Noise level	<45dB					
<b>PHYSICAL</b>						
Dimensions D × W × H (mm)	380 × 440 × 86.5			520 × 440 × 131		
Net weight/Shipping weight (kg)	12/14.5	7/9.5	21.5/24.5	11.5/14.3	26/28.8	11.7/14.5
<b>STANDARDS</b>						
Safety	IEC/EN62040-1; IEC/EN60950-1					
EMC	IEC/EN62040-2; IEC61000-4-2; IEC61000-4-3; IEC61000-4-4; IEC61000-4-5; IEC61000-4-6; IEC61000-4-8					

Specifications are subject to change without prior notice.



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