

MULTIL SERIES RT

1~3KVA 1:1 phase PF: 0.9



Features

- High power density. Output power factor up to 0.9.
- Rack and tower installation convertible.
- Three segment charging mode to increase battery life, optimize recharge time.
- Selectable high efficiency mode of operation.
- Cold start function to startup the UPS without utility.
- Standard communication options: RS232 communication port, USB communication port, and relay output contacts or SNMP card.
- Power shedding function may turn off uncritical load in battery backup to make longer backup time for critical load.
- Extended runtime with up to four extended battery modules (EBPs) per UPS.
- Emergency shutdown control through the remote emergency power-off (EPO) port.
- Versatile LCD display with setting function.
- With RT LCD design, no matter what point of view, just press the function button can meet user's angle requirement.
- Easy maintenance design with hot swappable battery pack from the front.



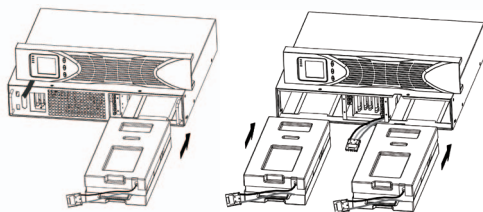
Two directions LCD display



Multifunctional bracket



Rack= Tower convertible



Easy for maintenance, hot-swappable battery



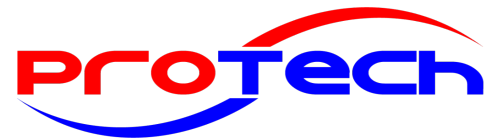
Rear Panel

1. Intelligent slot (SNMP card, Dry contact etc.)
2. USB port
3. RS232 port
4. FAN
5. Input breaker
6. RJ45 surge Suppress port
7. Input slot
8. Large current output slot
9. Output slots Including two segments
10. EPO



Battery Cabinets (Optional)

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Technical Specifications:

MODEL	MS-RT1101	MS-RT1102	MS-RT1103
Capacity (VA/Watts)	1000 / 900	2000 / 1800	3000 / 2700
INPUT			
Nominal voltage	220 / 230 / 240Vac		
Operating voltage range	200 ~ 290Vac		
Operating frequency range	50Hz/60Hz ± 10%		
Power factor	≥0.99		
Max. input current	4.9A	9.5A	14.2A
OUTPUT			
Output voltage	200/208/220/230/240Vac ± 1%		
Output frequency	Synchronized with the utility on AC mode; 50Hz/60Hz ± 0.2% on battery mode		
Crest factor	3:1		
Harmonic distortion (THDv)	<3% (linear load)		
Efficiency	>89%		
	>94% (high efficiency mode)		
BATTERY			
Battery voltage	36Vdc	72Vdc	72Vdc
Battery type & number	12V/7Ah/9Ah × 3	12V/7Ah/9Ah × 6	12V/9Ah × 6
Backup time	Estimated remaining time displayed on the LCD		
Typical recharge time	5 hours (to 90% of full capacity)		
Charge current	1.0A	1.0A	1.0A
SYSTEM FEATURES			
Transfer time	1. 0ms (Mains ↔ Battery) 2. <4ms (Mains ↔ Bypass)		
Overload capability	30s at 100%~150% ;300ms at>150%		
LCD indication	Load/Battery/Input/Output/Operating Mode Information		
Audible alarm	1. Sounding every 4 seconds (Battery Mode)		
	2. Sounding every second (Low Battery)		
	3. Sounding twice every second (Overload)		
	4. Continuously Sounding (Fault)		
Communication interface	RS232,USB,SNMP (optional)		
ENVIRONMENTAL			
Operating temperature	0~40°C		
Humidity range	0~95% (non-condensing)		
Altitude	<1500m		
Noise level	<45dB		
PHYSICAL			
Dimension D × W × H (mm)	430 × 440 × 86.5	690 × 440 × 86.5	
Net weight (kg)	13	24.6	25.5
STANDARDS			
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.