

RT SERIES

Rack or Tower in single UPS
Double Conversion On-Line UPS
Pure Sine Wave Output
SISO, 1:1 phase, 0.9 PF
1000-3000 VA (900-2700 W)

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

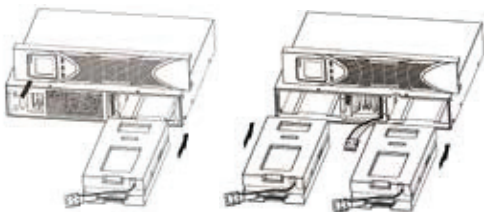


Rack-Tower convertible

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



Rear Panel



Easy for maintenance, hot-swappable battery



Battery Cabinets (Optional)



Technical Specifications:

MODEL	1-11-1		1-11-2		1-11-3	
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	72Vdc		144Vdc		72Vdc	
Battery type & number	12V, 7Ah × 6		12V, 7Ah × 12		12V, 26Ah × 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℃					
Humidity range	0~95% (non-condensing)					
Altitude	<1500m					
Noise level	<45dB					
PHYSICAL						
Dimension D×W×H (mm)	438×385×88 (2U)					
Net weight (kg)	9.7					
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.

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