

RM11E SERIES PF0.9 Power range: 1kVA~3kVA

1:1



Features:

- Rack/Tower convertible design
- Online double conversion with full digital control
- Wide input voltage range: 110~300Vac
- Input power factor 0.99 with PFC
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12A (Long run unit-Optional)
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator compatible
- Hot-Swappable battery design
- Cold start function
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-computer interface
- Multiple communication interface: RS232 (USB/EPO/Relay card/SNMP card optional)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm
- PDU with maintenance bypass switch (Optional)



ON LINE



Tower/Rack



DATA CENTRE



SOHO



E-MEDICAL



INDUSTRY



TRANSPORT



EMERGENCY

RM11E RT Convertible Double Conversion On-Line UPS

RM11E RT1K L/S | RM11E RT2K L/S | RM11E RT3K L/S

RM11E Technical Specifications:

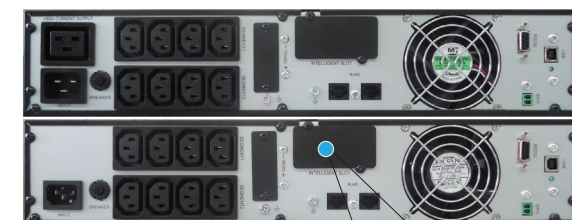
		RM11E											
Model		RM11E RT 1k L		RM11E RT 1k S		RM11E RT 2k L		RM11E RT 2k S		RM11E RT 3k L		RM11E RT 3k S	
Capacity		1000VA/900W				2000VA/1800W				3000VA/2700W			
INPUT													
Nominal voltage		208/220/230/240Vac											
Input voltage range		110~300Vac (176~264Vac @ 100% load)											
Power factor		≥0.99											
FREQUENCY													
Frequency range		40~70Hz (50/60Hz Auto-Sensing)											
OUTPUT													
Output voltage		208/220/230/240Vac											
Voltage regulation		±1%											
Power factor		0.9											
Output frequency	Line mode	46~54Hz or 56~64Hz											
	Bat. mode	(50/60±0.1%)Hz											
Crest factor		3:1											
Harmonic distortion (THDv)		≤3% Linear load											
		≤5% Non linear load											
Transfer time	AC mode to Bat.mode	0ms											
	Inverter to Bypass	4ms (Typical)											
Output waveform		Pure Sinewave											
EFFICIENCY													
AC mode		90.9%				92%				92.3%			
BATTERY													
Battery number		2	3	2	3	4	6	4	6	6	8	6	
Capacity (Standard unit)		9Ah/12V (7Ah/12V optional)											
Typical recharging time		4 hours (To 90% of full capacity)											
Charging voltage		27.4Vdc±1%	41.1Vdc±1%	27.4Vdc±1%	41.1Vdc±1%	54.8Vdc±1%	82.2Vdc±1%	54.8Vdc±1%	82.2Vdc±1%	82.2Vdc±1%	109.6Vdc±1%	82.2Vdc±1%	
Charging current (Max.)		6A		1.4A		6A		1.4A		6A		1.4A	
INDICATORS													
LED display		Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault											
LCD display		Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time											
ALARM													
Battery mode		Beeping every 4 seconds											
Battery low		Beeping every second											
Overload		Beeping twice every second											
Fault		Continously beeping											
PHYSICAL													
Dimension W×D×H		440×325×86.5mm			440×460×86.5mm	440×600×86.5mm		440×460×86.5mm	440×600×86.5mm				
Net weight		5.6kg		11.3kg	14kg	10.5kg		19.5kg	25kg	11kg		26kg	
ENVIRONMENT													
Operating temperature		0℃~40℃											
Storage temperature		-25℃~55℃											
Humidity range		20~95%RH @ 0~40℃ (Non condensing)											
Altitude		<1500m, derating required when>1500m											
Noise level		<50dB at 1 Meter											
STANDARDS													
Safety		IEC/EN 62040-1, IEC/EN 62477-1											
EMC		IEC/EN 62040-2 (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, IEC 61000-2-2)											

1. When output voltage is 208Vac, need to derate to 80% of the unit capacity
2. Specifications are subject to change without prior notice
3. Data above are typical values for reference only, not as a basis for engineering design

RC 1-3kVA battery pack specification

	Rack Cabinet				
Model	RC04024E-B	RC06036E-B	RC08048E-B	RC12072E-B	RC08096E-B
BATTERY SYSTEM					
Battery type	VRLA (Lead acid maintenance free battery)				
Typical battery recharging time	6~8 hours (To 90% of full capacity)				
Typical battery life	3~5 years, depend on discharging cycle and ambient temperature				
System voltage	24Vdc	36Vdc	48Vdc	72Vdc	96Vdc
Charging current (Max.)	1.4A				
Battery quantity	4	6	8	12	8
Capacity	9Ah/12V (7Ah/12V optional)				
PHYSICAL					
Dimension W×D×H	440×430×86.5mm		440×550×86.5mm	440×710×86.5mm	440×550×86.5mm
Net weight	17.4kg	22.5kg	31.5kg	44kg	31.5kg
ENVIRONMENT					
Safety	CE				
Operating environment	0°C~40°C				
Relative humidity	0~95% (Non condensing)				
Noise level	<40dB at 1 Meter				

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3. Remark: RC08048E; "RC" means Rack Cabinet; "08" means battery number inside the Rack; "048" means the battery system voltage; "E" means the Rack coming with charger



Optional socket



Relay card



SNMP



Multifunctional bracket



The LCD panel can be rotated