

RM11E SERIES PF0.9 Power range: 6kVA~10kVA



Features:

- High power density
- LCD supports Rack/Tower convertible design
- N+X parallel redundancy, support maximum 4 units in parallel
- Online double conversion with full digital control
- Optimization battery group, the quantity of battery: 16/18/20pcs (Settable)
- Wide input voltage range: 110~286Vac
- Wide input frequency range
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface: RS232/USB/PO (Relay card/SNMP card optional)
- Parallel kit default
- Maximum charging current up to 10A
- Cold start function
- Intelligent fan speed regulation
- 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 RT6K | RM11E RT10K

RM11E Technical Specifications:

		RM11E	
Model		RM11E RT 6K / RM11E 6KVA L	RM11E RT 10K / RM11E 10KVA L
Capacity		6000VA/5400W	10000VA/9000W
INPUT			
Nominal voltage		208/220/230/240Vac	
Input voltage range		110～286Vac	
Power factor		≥0.99	
Bypass voltage range		Max.voltage: 220V: +25% (Optional +10%, +15%, +20%) 230V: +20% (Optional +10%, +15%) 240V: +15% (Optional +10%) Min.voltage: -45% (Optional -20%, -30%)	
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	±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional)	
	Bat. mode	(50/60±0.1%)Hz	
Crest factor		3:1	
Harmonic distortion (THDv)		≤2% Linear load	
		≤5% Non linear load	
Transfer time	AC mode to Bat.mode	0ms	
	Inverter to Bypass	0ms	
Output waveform		Pure Sinewave	
Overload	Line mode	Load≤110% last 60min; ≤125% last 10min; ≤150% last 1min; >150% turn to bypass mode immediately	
	Bypass mode	40A (Breaker)	63A (Breaker)
Efficiency		up to 94%	
BATTERY			
Battery voltage		±96/±108/±120Vdc (Settable)	
Typical recharging time		6~8 hours (To 90% of full capacity)	
Charging current		Max.current 10A (Charging current can be set according to battery capacity)	
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		440×625×86.5mm	
Net weight		16kg	18kg
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		<55dB at 1 Meter	<58dB 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 6-10kVA battery pack specification

	Rack Cabinet
Model	RC20120N / RC20120N-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	±120Vdc
Battery quantity	1×20 PCS
Capacity	9Ah (12V)
PHYSICAL	
Dimension W×D×H	440×680×131mm (3U)
Net weight	63kg
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: RC20120N; "RC" means Rack Cabinet; "20" means battery number inside the Rack;
"120" means the battery system voltage; "N" means battery with neutral connection

