

A photograph of a server room aisle, showing rows of black server racks with green vertical accents. The racks are arranged in a perspective that leads towards a bright light at the end of the aisle. The floor is light-colored, and the ceiling has recessed lighting. Green diagonal lines are overlaid on the top left of the image.

**RPMII SERIES 1-10 KVA**

## **Applications**

Public Administrations

Finance

Data Center

Transportation

Broadcasting

Medical

Energy& Utilities

## **Main Features**

Intelligent battery management to preserve service life

3-level topology, high performance and efficiency.

Wide range of input voltage tolerance

Auto fault waveform recording

Self-aging function to save test energy

2U up to 10kW , high power density.

High efficiency

up to 96% in normal conditions **up to 98% in Eco Mode**

**Output PF=1, high load adaptability.**

Wide input voltage range of 110~300Vac.

Tower Rack convertible UPS

EPO contact

# 1~3kVA online Rack UPS

1:1



Model		RPMM1	RPMM1L	RPMM2	RPMM2L	RPMM3	RPMM3L
Rate Power		1kVA/1kW	1kVA/1kW	2kVA/2kW	2kVA/2kW	3kVA/3kW	3kVA/3kW
Cold start		Default output 50/60Hz					
Input voltage range		110~300VAC;100% load@176VAC~276VAC, 100%~50% power derating@110VAC~176VAC, 50% load@276VAC~300VAC					
Input power factor		≥0.99					
Frequency range		50/60±5Hz(default),±3Hz/±10Hz(settable)					
Output power factor		1.0					
Output	Rate voltage	220/230/240VAC, 200/208VAC(PF=0.9)					
	Load response	≤5% (0% - 100% -0% step load)					
	Recovery time	≤40ms (0% - 100% -0% step load)					
	Output THDu	≤2% , Linear load ; ≤ 5% non-linear load according to IEC62040-3					
Transfer time	Main to BAT	0					
	INV to BYP	4ms					
	Efficiency (normal mode)	Max 96%					
Noise (1 meter)		43dB@<60%load, 47dB@>60%load		<50dB@<60%load,<55dB@>60%load		<50dB@<60%load,<55dB@>60%load	
Normal		102%~110%: 30mins,110%~125%:10mins,125%~150%: 30 seconds					
OverloadBattery mode		102%~110%: 1min,110%~125%: 10 seconds,125%~150%:5 seconds					
Bypass mode		<130%: long time,130%~150%:10mins,150%~180%:5 seconds					
Battery	Model	12VDC/7Ah	Depend on external battery	12VDC/7Ah	Depend on external battery	12VDC/9Ah	Depend on external battery
	Quantity	3		6		6	
	Max charging	1A	1-12A(settable)	1A	1-12A(settable)	1A	1-12A(settable)
	Rate voltage	36VDC			72VDC		72VDC
Standard		EPO, RS232					
Option		SNMP card,AS400, USB, RS485, BMS by dry contact, Air filter					
Dimension ,W*D*H(mm)		440*440*86		440*580*86	440*440*86	440*580*86	440*440*86
Weight (kg)		12.5	7	19	7	21	10

## 6~10kVA single phase Rack UPS

1:1



Power range

6~10kVA

Model	RPMM6K II	RPMM6KL II	RPMM10K II	RPMM10KL II
Rate Power	6kVA/6kW	6kVA/6kW	10kVA/10kW	10kVA/10kW
Cold start	Default output 50/60Hz			
Input voltage range	110~288VAC100% load@>176VAC90% load@>154VAC75% load@>132VAC50% load@>110VAC			
Input power factor	≥0.99			
Frequency range	40-70Hz			
Output power factor	1.0			
Output	Rate voltage	220/230/240VAC,200/208VAC(PF=0.9)		
	Load response	≤5% (0% - 100% -0%)		
	Recovery time	≤40ms (0% - 100% -0%)		
	THDu	≤1%, linear load ;≤ 5% , non-linear load according to IEC62040-3		
Transfer time-Main to Battery	0ms			
Transfer time-INV to BYP	0ms			
Crest factor	3:1			
Battery type	12VDC/7Ah	External battery	12VDC/9Ah	External battery
Battery Number	16PCS	16-24 PCS settable	16PCS	16-24 PCS settable
Battery voltage	192VDC (default),settable			
Max charging	1A	5A	1A	5A
Efficiency -normal mode	Max 95%			
Noise (1 meter)	<58dB			
OverloadNormal mode	105%~110%: 10mins,111%~125%: 1 min,126%~150%: 30 seconds			
ECO mode	<125%: long time,126%~130%:5mins,131%~150%:1min,>150% :200ms			
Communication	RS232, EPO, RS485			
Option	AS400, USB, SNMP card, 12A charger, Parallel kit, Air filter			
Dimension W*D*H(mm)	440*660*172	440*580*86	440*660*172	440*580*86
Weight(kg)	58	16	62	18
standard	EPO, RS232			
Option	SNMP card,AS400, USB, RS485, BMS by dry contact, Air filter			
Dimension ,W*D*H(mm)	440*440*86	440*580*86	440*440*86	440*580*86
Weight (kg)	12.5	7	7	21
		19		10

