

RPMMIISERIES

1~3kVA online Tower/Rack UPS



- Three-level IGBT topology
- Wide input voltage window
- High efficiency, up to 98% in ECO Mode
- Output power factor PF = 1
- Tower/Rack convertible design
- EPO (Emergency Power Off)

MODEL	RPMM1K II	RPMM1KL II	RPMM2K II	RPMM2KL II	RPMM3K II	RPMM3KL II
Rate Power	1kW/1kVA	1kW/kVA	2kW/2kVA	2kW/2kVA	3kW/3kVA	3kW/3kVA
Frequency	Default output 50/60Hz					
Input voltage range	110-300VAC 100%load @ 176-276VAC 100%-50% power derating @ 110-176VAC 50% load @ 276/300VAC					
Input power factor	≥0.99					
Frequency range	50-60±5Hz (default)					
Output power factor	1					
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	0ms				
	INV to BYP	4ms				
Efficiency	96% / >98% in Eco Mode					
Noise (1 meter)	43dB@62% load	<50dB@60% load		<50dB@60% load		
Normal mode	102-110%: 30mins, 110-125%: 10mins, 125-150%: 30 seconds					
Overload	Normal mode	102-110%: 1min, 110-125%: 10 seconds, 125-150%: 5 seconds				
	Eco mode	<130%: long time, 130-150%: 10mins, 150-180%: 5 seconds				
Battery	Model	12VDC/7Ah	External batteries	12VDC/7Ah	External batteries	12VDC/9Ah
	Quantity	3		6		6
	Max charging	1A	1-12A (settable)	1A	1-12A (settable)	1A
	Rate voltage	36VDC		72VDC		72VDC
Communication	EPO, RS232					
Options	SNMP card, AS400, USB, RS485, BMS by dry contact, Air filter					
Dimension WxDxH(mm)	440x440x86	440x450x86	440x440x86	440x450x86	440x440x86	440x440x86
Weight (kg)	12,5	7	19	7	21	10
Standards	EN IEC 62040-1, EN IEC 62040-2, EN IEC 62040-3, EN IEC 63000:2018, Dir. 2014/35/EU, Dir. 2014/30/EU, Dir. 2011/65/EU					

PowerMe reserves the right to modify technical specifications without prior notice.

6~10kVA single phase Rack UPS



- Three-level IGBT topology
- Wide input voltage window
- High efficiency, up to 98% in ECO Mode
- Output power factor PF = 1
- Tower/Rack convertible design
- EPO (Emergency Power Off)

MODEL		RPMM6K II	RPMM6KL II	RPMM10K II	RPMM10KL II
Rate Power		6kW/6kVA	6kW/6kVA	10kW/10kVA	10kW/10kVA
Frequency		Default output 50/60Hz			
Input voltage range		110-288VAC 100% load @ >176VAC 90% load @ >154VAC 75% load @ >132VAC 50% load @ >110VAC			
Input power factor		≥0.99			
Frequency range		40-70Hz			
Output power factor		1			
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	≤1% linear load; ≤5% non-linear load according to IEC62040-3			
Transfer time	Main to BAT	0ms			
	INV to BYP	0ms			
Crest Factor		3:1			
Efficiency		96% / >98% in Eco Mode			
Noise (1 meter)		<58dB			
Overload	Normal mode	105-110%: 10mins, 111-125%: 1min, 126-150%: 30 seconds			
	Eco mode	<125%: long time, 126-130%: 5mins, 131-150%: 1min, >150%: 200ms			
Battery	Model	12VDC/7Ah	External batteries	12VDC/9Ah	External batteries
	Quantity	16pcs	16-24pcs	16pcs	16-24pcs
	Max charging	1A	5A	1A	5A
	Rate voltage	192VDC (default), settable			
Communication		EPO, RS232, RS485			
Options		SNMP card, AS400, USB, Parallel kit, 12A charger, Air filter			
Dimension WxDxH(mm)		440x660x172	440x580x86	440x660x172	440x580x86
Weight (kg)		58	16	62	18
Standards		EN IEC 62040-1, EN IEC 62040-2, EN IEC 62040-3, EN IEC 63000:2018, Dir. 2014/35/EU, Dir. 2014/30/EU, Dir. 2011/65/EU			

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