



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 | RPMM6KL | RPMM10K | RPMM10KL |
|-------------------------------|---|--|-------------|--------------------|
| 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 |
| | | | | 10 |

