

## RPMM/9 Online UPS



- Microprocessor control
- Pure sine wave output
- Output power factor 0.9
- Hot-swappable battery
- Adjustable charging current
- ECO mode with up to 98% efficiency
- Multifunctional LCD display
- EPO (Emergency Power Off)
- Tower or rack convertible

| MODEL                                |                        | RPMM/9 1K                                                                  |              | RPMM/9 1.5K  | RPMM/9 2K            |              | RPMM/9 3K    |
|--------------------------------------|------------------------|----------------------------------------------------------------------------|--------------|--------------|----------------------|--------------|--------------|
| PHASE                                |                        | Single phase with ground                                                   |              |              |                      |              |              |
| CAPACITY                             | VA                     | 1000                                                                       |              | 1500         | 2000                 |              | 3000         |
|                                      | W                      | 900                                                                        |              | 1350         | 1800                 |              | 2700         |
| Input                                |                        |                                                                            |              |              |                      |              |              |
| Nominal Voltage                      |                        | 100°/110°/115°/120/127 VAC or 200/208/220/230/240 VAC                      |              |              |                      |              |              |
| Voltage Range                        |                        | 50-150 VAC ±5% or 110-300 VAC±5% at 50% load<br>80-150 VAC±5% at 100% load |              |              |                      |              |              |
| Frequency Range Power Factor         |                        | 46 ~ 70 Hz                                                                 |              |              |                      |              |              |
| Factor                               |                        | ≥ 0.99 @ Nominal Voltage (100% load)                                       |              |              |                      |              |              |
| Output                               |                        |                                                                            |              |              |                      |              |              |
| Nominal Voltage                      |                        | 100°/110°/115°/120/127 VAC or 200/208/220/230/240 VAC                      |              |              |                      |              |              |
| AC Voltage Regulation                |                        | ± 1%                                                                       |              |              |                      |              |              |
| Frequency Range (Synchronized Range) |                        | 57 ~ 63 Hz or 47 ~ 53 Hz                                                   |              |              |                      |              |              |
| Frequency Range (Batt. Mode)         |                        | 60 Hz ± 0.1 Hz or 50 Hz ± 0.1 HZ                                           |              |              |                      |              |              |
| Crest Ratio                          |                        | 3:1                                                                        |              |              |                      |              |              |
| Harmonic Distortion                  |                        | ≤ 2 % THD (Linear Load); ≤ 4 % THD (Non-linear Load)                       |              |              |                      |              |              |
| Transfer Time                        | MAIN to BAT            | 0ms                                                                        |              |              |                      |              |              |
|                                      | INV to BYP             | 4ms (typical)                                                              |              |              |                      |              |              |
| Waveform (Batt. Mode)                |                        | Pure Sinewave                                                              |              |              |                      |              |              |
| EFFICIENCY                           |                        |                                                                            |              |              |                      |              |              |
| AC Mode                              |                        | 90%                                                                        |              | 90%          | 91%                  |              | 91%          |
| Eco Mode                             |                        | 97%                                                                        |              | 97%          | 97%                  |              | 97%          |
| Battery Mode                         |                        | 88%                                                                        | 89%          | 89%          | 88%                  | 89%          | 90%          |
| BATTERY                              |                        |                                                                            |              |              |                      |              |              |
| Standard Model                       | Battery Type           | 12 V / 9 Ah                                                                | 12 V / 7 Ah  | 12 V / 9 Ah  | 12 V / 9 Ah          | 12 V / 7 Ah  | 12 V / 9 Ah  |
|                                      | Quantity               | 2                                                                          | 3            | 3            | 4                    | 6            | 6            |
|                                      | Recharge Time          | 4 hours recover to 90% capacity                                            |              |              |                      |              |              |
|                                      | Charging Current (max) | 1.5 A/2A max 8A                                                            |              |              | 1.0 A/1.5°/2° max 8A |              |              |
|                                      | Float Charging voltage | 27.4 VDC ±1%                                                               | 41.1 VDC ±1% | 41.1 VDC ±1% | 54.8 VDC ±1%         | 82.1 VDC ±1% | 82.1 VDC ±1% |

| Long-run Model  | Battery type and quantity | External batteries                                                                 |                 |              |                 |                 |              |
|-----------------|---------------------------|------------------------------------------------------------------------------------|-----------------|--------------|-----------------|-----------------|--------------|
|                 | Charging current (max)    | 2                                                                                  | 3               | 3            | 4               | 6               | 6            |
|                 | Charging Voltage          | 27.4 VDA<br>±1%                                                                    | 41.1 VDA<br>±1% | 41.1 VDA ±1% | 54.8 VDA<br>±1% | 82.1 VDA<br>±1% | 82.1 VDA ±1% |
| INDICATORS      |                           |                                                                                    |                 |              |                 |                 |              |
| LCD Display     |                           | Load level, Battery level, AC mode, Battery mode, Bypass mode, and fault indicator |                 |              |                 |                 |              |
| ALARM           |                           |                                                                                    |                 |              |                 |                 |              |
| Battery Mode    |                           | Sounding every 5 seconds                                                           |                 |              |                 |                 |              |
| Low Battery     |                           | Sounding every 2 seconds                                                           |                 |              |                 |                 |              |
| Overload        |                           | Sounding twice every second                                                        |                 |              |                 |                 |              |
| Fault           |                           | Continuously sounding                                                              |                 |              |                 |                 |              |
| PHYSICAL        |                           |                                                                                    |                 |              |                 |                 |              |
| Standard Model  | Dimension DxWxH (mm)      | 410x438x88                                                                         |                 | 410x438x88   | 510x438x88      | 630x438x88      |              |
|                 | Net Weight (kgs)          | 11.6                                                                               | 14.2            | 14.5         | 19.5            | 26.9            | 27.4         |
| Long-run Model  | Dimension DxWxH (mm)      | 410x438x88                                                                         |                 | 410x438x88   | 410x438x88      |                 | 510x438x88   |
|                 | Net Weight (kgs)          | 6.4                                                                                |                 | 6.5          | 6.5             |                 | 10.5         |
| ENVIRONMENT     |                           |                                                                                    |                 |              |                 |                 |              |
| Humidity        |                           | 20-90% RH @ 0-40°C (Non-condensing)                                                |                 |              |                 |                 |              |
| Noise level     |                           | Less than 50dBA @ 1 Meter                                                          |                 |              |                 |                 |              |
| MANAGEMENT      |                           |                                                                                    |                 |              |                 |                 |              |
| Smart RS232/USB |                           | Support Windows, Linux and Mac os                                                  |                 |              |                 |                 |              |
| Optional SNMP   |                           | Power management from SNMP manager and web browser                                 |                 |              |                 |                 |              |

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

PowerME recommends the use of energy-efficient and environmentally friendly solutions, when used correctly and in accordance with the specifications stated in the technical data sheets and user manuals. Warranty coverage is subject to proper usage as described in those documents.

PowerME also recommends compliance with all applicable regulations and safety standards regarding professional qualifications and workplace safety during installation, commissioning, and maintenance of the provided technological solutions.