**ComX Computers**
Product Specification Sheet

# ME-3000RBK

Mecer 3000VA ON-LINE SINE WAVE Rackmount UPS

## Product Overview

Mecer 3000VA 4U / 2U ON-LINE SINE WAVE Rack mountable UPS (with Monitoring Software) -Black



Mecer 2K / 3K

## Specifications

**Features:**

- Microprocessor control guarantees high reliability.
- PWM Technology with IGBTs.
- Wide Input Voltage Range.
- Communication Ports Selectable : Smart RS-232 and Intelligent slot for AS-400,
- and SNMP card.
- Free Download Software from the internet for monitoring UPS status.
- Optional external battery socket available for extended backup time.
- Cold Start Function.
- Auto self-testing system while turning on the UPS.
- Tower and Rack Mount Available.
- Modular design available for Mecer 1K/ Mecer 2K/ Mecer3K/ Mecer 6K.

**Specifications:**

| Capacity | |
|---|---|
| ME-3000RBK (3000VA) | 2100W |
| Input | |
| Voltage Range | Base on load percentage (100%-80% / 80%-70% / 70%-60% / 60%-0%) |
| Low Line Transfer | 160VAC/140VAC/120VAC/110VAC +/-5VAC |
| Low Line Comeback | 175VAC +/-5VAC |
| High Line Transfer | 300VAC +/-5VAC |
| High Line Comeback | 285VAC +/-5VAC |
| Frequency Range | 46Hz~54Hz |

| | |
|---|---|
| Phase | Single phase with ground |
| Power Factor | >0.95 |
| Output | |
| Voltage | 220VAC/230VAC/240VAC |
| Voltage Regulation | +/-2% |
| Frequency (Synchronized Range) | 46~54Hz |
| Frequency (Battery Mode) | 50Hz +/-0.2Hz |
| Current Crest Ratio | 3:1 |
| Harmonic Distortion | Tower Case |
| Efficiency | |
| To AC Mode | |
| ME-1000RBK, ME-2000RBK | 85% |
| ME-3000RBK | 88% |
| To Battery Mode | 83% |
| Battery | |
| Tower Case Battery Type | 12V/7 2 Ah depending on the capacity of external batteries |
| Number of Batteries (depending on the capacity of external batteries) | |
| ME-1000RBK | 3 batteries |
| ME-2000RBK, ME-3000RBK | 8 batteries |
| Backup Time (Full Load) (depending on the capacity of external batteries) | |
| ME-1000RBK, ME-3000RBK | 5 minutes |
| ME-2000RBK | 9 minutes |
| Recharge Time | 5 hours to 90% |
| Charging Current (Max.) | 1.0A /8A |
| Charging Voltage | |
| ME-1000RBK, ME-2000RBK | 41.1Vdc +/-0.6V |
| ME-3000RBK | 110Vdc +/-0.4V |
| Rack Case Battery Type | 12V/7 2 Ah depending on the capacity of external batteries |
| Number of Batteries (depending on the capacity of external batteries) | |
| ME-1000RBK | 3 batteries |
| ME-2000RBK, ME-3000RBK | 8 batteries |
| Backup Time (Full Load) depending on the capacity of external batteries | |
| ME-1000RBK, ME-3000RBK | |
| ME-2000RBK | |
| Charging Current (Max.) | 1.0A/8A |
| Charging Voltage | |
| ME-1000RBK | 41.1Vdc +/-0.6V |

| | |
|---|---|
| ME-2000RBK, ME-3000RBK | 110Vdc +/-0.4V |
| Transfer Time | AC to DC: Zero |
| Inverter to Bypass | 2.5 minutes (Typical) |
| Indicator | Status: Load Level / Battery Level / Battery Mode / AC Mode / Bypass Mode / Fault |
| Audible Alarm | |
| Battery Mode | Sounding every 4 seconds |
| Low Battery | Sounding every second |
| Overload | Sounding twice every second |
| Fault | Continuously Sounding |
| Dimensions (D x W x H) | |
| ME-3000RBK | Tower Case 460mm x 192mm x 340mm |
| | Rack Case 482.6mm x 450mm x 87mm (with battery) |
| Weight | |
| ME-1000RBK | Tower Case 15kgs, Rack Case 11.5kgs |
| ME-2000RBK | Tower Case 35.5kgs, Rack Case 11.2kgs |
| ME-3000RBK | Tower Case 16kgs, Rack Case 12.3kgs |
| Environment | |
| Operating Environment | 0-40ºC |
| Relative Humidity | 20-90% |
| Noise Level | |
| Interface | |
| Smart RS-232 | Supports Windows 98/NT/2000/XP/2003/ME, Linux, Sun Solaris, IBM Aix, Compaq True64, SGI IRIX, FreeBSD, HP-UX, and MAC |

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page: https://www.comx-computers.co.za/computer-store-specifications.php?products=9525**

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