ComX Computers
Product Specification Sheet

ME-10000-GRU

Mecer 10000VA 6U ON-LINE SINE WAVE Rack mountable UPS

Product Overview

Mecer 10000VA 6U ON-LINE SINE WAVE Rack mountable UPS (with Monitoring Software) -Black



Specifications

Features:

- True double-conversion online UPS
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.99
- Output Power Factor 0.8
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- ECO mode operation for energy saving (ECO)
- Charger capacity expansion to 8A for long-run models
- SNMP+USB+RS-232 multiple communications
- Smart battery charger design for optimized battery performance
- Selectable output voltage via LCD panel
- Hot-swappable battery design (only available for ME-1000-GRU/ME-2000-GRU/ME-3000-GRU)

Specifications:

MODEL	ME-10000-GRU
PHASE	Single phase with ground
CAPACITY	10000 VA / 8000 VA
INPUT	
Voltage Range	
Low Line Transfer	176 VAC +/- 3% @ 100% load, 110 VAC +/- 3% @ 50% load
Low Line Comeback	186 VAC +/- 3% @ 100% load, 120 VAC +/- 3% @ 50% load

High Line Transfer	300 VAC +/- 3 %
High Line Comeback	290 VAC +/- 3 %
Frequency Range	46~54 Hz or 56~64 Hz
Power Factor	?0.99 @ 100%load
OUTPUT	
Output Voltage	208/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)	+/- 1%
Frequency Range (Synchronized Range)	46~54 Hz or 56~64 Hz
Frequency Range (Batt. Mode)	50 Hz +/- 0.1 Hz or 60 Hz +/- 0.1 Hz
Current Crest Ratio	3:1
Harmonic Distortion	?3 % THD (Linear Load)?6 % THD (Non-linear Load)
Transfer Time	
AC Mode to Batt. Mode	Zero
Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)	Pure Sinewave
EFFICIENCY	
AC Mode	89%
Battery Mode	88%
BATTERY	
Battery Type	12 V / 9 Ah
Numbers	20
Typical Recharge Time	4 hours recover to 90% capacity
Charging Current (max.)	2.0 A
Charging Voltage	273 VDC +/-1%
INDICATORS	
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions
ALARM	
Battery Mode	Sounding every 4 seconds
Low Battery	Sounding every second
Overload	Sounding twice every second
Fault	Continuously sounding
PHYSICAL	
Dimension, D x W x H (mm)	UPS Unit: 668 x 438 x 133 [3U] Battery Pack : 580 x438 x 133 [3U]
Net Weight (kgs)	UPS Unit : 20, Battery Pack : 63
ENVIRONMENT	

Humidity	20-90 % RH @ 0- 40 degreesC (non-condensing)
Noise Level	Less than 58dBA @ 1 Meter
MANAGEMENT	
Smart RS-232/USB	Supports Windows 2 2000/2003/XP/Vista/ 2008, Windows2 7, Linux, Unix, and MAC
Optional SNMP	Power management from SNMP manager and web browser

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/ME-10000-GRU-Mecer-10000VA-6U-ON-LINE-SINE-WAVE-Rack-mountable-UPS-p-57313.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-11 17:31:06.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.