ComX Computers
Product Specification Sheet

ME-1000-GRU

Mecer 1000VA 2U ON-LINE SINE WAVE Rack mountable UPS

Product Overview

Mecer 1000VA 2U 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-1000-GRU
PHASE	Single phase with ground
CAPACITY	1000 VA / 800 W
INPUT	
Voltage Range	
Low Line Transfer	160 VAC/140 VAC/120 VAC/110 VAC +/- 5% (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)
Low Line Comeback	170 VAC /150 VAC/ 130 VAC /120 VAC+/- 5 %

High Line Transfer	300 VAC +/- 5 %
High Line Comeback	290 VAC +/- 5 %
Frequency Range	45Hz ~ 55 Hz or 56Hz ~ 65 Hz
Power Factor	?0.99
OUTPUT	
Output Voltage	208/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)	+/- 1%
Frequency Range (Synchronized Range)	48 ~ 52 Hz or 58 ~ 62 Hz
Frequency Range (Batt. Mode)	50 Hz +/- 0.2 Hz or 60Hz +/- 0.2 Hz
Current Crest Ratio	3:1
Harmonic Distortion	?2 % THD (Linear Load), 8% max. (Batt. mode before shut down)
Transfer Time	
AC Mode to Batt. Mode	Zero
Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)	Pure Sinewave
EFFICIENCY	
AC Mode	86%
Battery Mode	83%
BATTERY	
Battery Type	12 V / 9 Ah
Numbers	2
Typical Recharge Time	4 hours recover to 90% capacity
Charging Current (max.)	1.0 A
Charging Voltage	27.4 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)	380 x 438 x 88 [2U]
Net Weight (kgs)	13.2
ENVIRONMENT	

Humidity	20-90 % RH @ 0- 40 degreesC (non-condensing)
Noise Level	Less than 50dB @ 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-1000-GRU-Mecer-1000VA-2U-ON-LINE-SINE-WAVE-Rack-mountable-UPS-p-57309.php

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