ComX Computers
Product Specification Sheet

ME-3000TBK

Mecer 3000VA ON-LINE UPS

Product Overview

Mecer 3000VA ON-LINE UPS (with AVR,Monitoring Software + Cable & Built-in Surge Protection) - Black



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 Titan 1K/Titan 2K/Titan 3K
- Maintenance Bypass Switch and DSP Technology Application for Titan 6K/Titan 10K
- Two-Step Intelligent Charging Mode Available for Titan 6K/Titan 10K S Models
- N+X Parallel Redundancy and Capacity Expansion for Titan 6K/Titan 10K

Specifications:

MODEL	ME- 3000TBK
CAPACITY	3000VA/ 2100W
INPUT	
Voltage Range	Base on load percentage (100%-80% / 80%-70% / 70%-60% / 60%-0%)
Line Low Transfer	160VAC/140VAC/120VAC/110VAC+/- 5VAC
Line Low Comeback	175VAC+/- 5VAC
Line High Transfer	300VAC+/- 5VAC

Line High Comeback	285VAC+/- 5VAC
Frequency Range	46Hz ~ 54Hz / 56Hz ~ 64Hz
Phase	Single phase with ground
Power Factor	?0.95
OUTPUT	
Voltage	220VAC/230VAC/240VAC
Voltage Regulation	+/- 2%
Frequency (Synchronized Range)	46Hz ~ 54Hz / 56Hz ~ 64Hz
Frequency (Battery Mode)	50/60Hz +/- 0.2 Hz
Current Crest Ratio	3:1
Harmonic Distortion / Tower Case	?4% THD (Linear Load)
	?7% THD (Non-Linear Load)
Output Waveform	Pure Sinewave
EFFICIENCY	
To AC Mode	88%
To Battery Mode	83%
BATTERY	
Tower Case	
Battery Type	12V/7.2Ah
Numbers of Batteries	8
Backup Time (Full Load)	>5 minutes
Recharge Time	5 hours to 90%
Charging Current (Max.)	1.0A
Charging Voltage	110Vdc +/- 0.4V
TRANSFER TIME	
AC to DC	Zero
Inverter to Bypass	2.5ms (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
DIMENSION	
Tower Case (DxWxH)mm	460x192x340
WEIGHT	

Tower Case (kgs)	35.5 kgs
ENVIRONMENT	
Operating Environment	0-40 degrees C
Relative Humidity	20-90% (NON-CONDENSING)
Noise Level	
INTERFACE	
Smart RS-232	Software supports Windows family, Linux, Sun Solaris, IBM Aix, Compaq True64, SGI IRIX, FreeBSD, HP-UX, and MAC
SNMP (option)	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/computer-store-specifications.php?products=9520

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: 2026-11-10 08:25:49.

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.