

MB1000

UNINTERRUPTIBLE POWER SUPPLY FOR YOUR HOME THEATER SYSTEM



MB1000

A Fully Programmable
UPS, Voltage Regulator
and Power Conditioner



FEATURES:

- Surge Protection and AVM
- LiFT Noise Filtration
- Dual Learning IR Output Controls
- RS-232 with Open Source Code Protocol
- Fully Programmable
- Power Management Software
- USB Interface
- Critical Load Management
- USB Cord Included
- RS232 Pin Cable Included
- Rack Mounting Kit

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MB1000 FRONT/BACK PANELS FEATURES

Outlet Bank 1 Indicator

Illuminated blue when outlet bank 1 is switched on.

Power Switch

Press and hold the power button for 2 seconds to turn the UPS ON or OFF.

Outlet Bank 2 Indicator

Illuminated blue when outlet bank 2 is switched on.

Circuit Breakers for Overload Protection
Resettable circuit breakers provide optimal overload protection.

Outlet Bank 2 - Non-Critical-Load Outlets

Four battery powered, surge protected and AVR outlets for connected equipment insures temporary uninterrupted operation of connected equipment during a power failure. These outlets will shut off when the batteries drain to a designated level to reserve remaining battery charge from the critical load outlets.

Line Fault Indicator

This LED will illuminate in red to warn the user that a wiring problem such as a bad/missing ground or reversed wiring exists within the AC receptacle. If illuminated, disconnect all equipment and contact an electrician to insure outlet is properly wired.

IR Detector

IR Detector, for sampling IR remote control signals.

Menu Navigation Knob

Rotate clockwise to navigate to the next screen, counter-clockwise to return to the previous screen, push to select menu item.

Status Display

LCD displays status and menu navigation items

Removable Battery Access Panel

Easy to remove for battery access and replacement.



10 Ft. AC Power Cord



IR Control Section

Indicator LED's – Indicates status IR
Output Jacks – Standard 1/8" (3.5mm) mono jack for connection to an IR flasher (IR flashers not included)

USB to Computer

RS-232 Serial Communication Port

The serial port allows connection and communication between the UPS and an automation or computer system. This allows the installer to program a number of variables including the Critical Load Battery Threshold. See the software documentation for more information.

Outlet Bank 1 - Critical Load Outlets

Four battery powered, surge protected and AVR outlets for critical-load equipment insures temporary uninterrupted operation of connected equipment during a power failure.

Ground Lug

MB1000 SPECIFICATIONS

Input	
Voltage	85 – 137 Vac
Frequency	57 – 63 Hz
AC Power	
Current Rating	12 A
Surge Protection	900 Joules
Overvoltage Shutoff, fast rise	150 ± 5 V
Overvoltage Shutoff, slow rise	132 ± 5 V
Undervoltage Shutoff	90 ± 5 V
Automatic Voltage Regulation, Sensitive Mode Capture Range	98 – 135 V
Automatic Voltage Regulation, Sensitive Mode Output Range	120 ± 5%
Automatic Voltage Regulation, Standard Mode Capture Range	93 – 145 V
Automatic Voltage Regulation, Standard Mode Output Range	120 ± 10%
Bank 1 EMI Filtration	66dB Max, 100kHz-2MHz
Bank 2 EMI Filtration	66dB Max, 100kHz-2MHz
UPS Output	
Voltage	120 ± 5 V Simulated Sine Wave
Frequency	60 Hz ± 1%
UPS Output Capacity	1000VA 600W @ 0.6pf
UPS Backup Time	3 minutes at full load
Transfer Time	< 10ms

Specifications subject to change due to product upgrades and improvements.

MB1000 prevents critical equipment from losing setup configuration, stored data and hard-disk crashes. Shuts off projection equipment via IR control to allow the projector bulbs to go through a proper cool-down cycle before shutting off.

WEIGHTS & MEASUREMENTS, QUANTITIES, UPC'S FOR ORDERING & SHIPPING

SINGLE MODEL MB1000

Dimensions	Weight
L 17" x H 4" x W 13"	36 lbs.

SINGLE UNIT CARTON

Dimensions	Weight	UPC
L 22.25 x H 9.25" x W 17.5"	40 lbs.	050616-008518



MODEL: MB1000
MADE IN CHINA



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