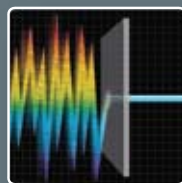# Panamax | UPS Family

Power Management **Combined** with Uninterruptible Power Supply for Home Theater Systems

UPS Power Backup

IP Control

Noise Filter

Surge Protect

3 Year Warranty

Panamax's new family of UPS products are designed specifically for today's sophisticated home theater systems. Combining several features and technologies, this product family delivers the ultimate power solution whether the problems include typical power fluctuations and temporary power outages, to dangerous over voltages or a total system blackout.

PRODUCT FAMILY INCLUDES:

- MB850
- MB1000
- MX5102
- MB1500
- BATT1500-EXT

MB1500 is BlueBOLT™ Compatible

BlueBOLT-CV1 IP Card available and sold separately for the MB1500 only.

BlueBOLT™

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PANAMAX®
ADVANCED POWER MANAGEMENT SOLUTIONS

MX5102

SURGE PROTECTION
Panamax's proven, professional surge/spike protection.

AVM
Provides over/under voltage protection to ensure unit switches to battery power under prolonged dangerous voltage conditions.
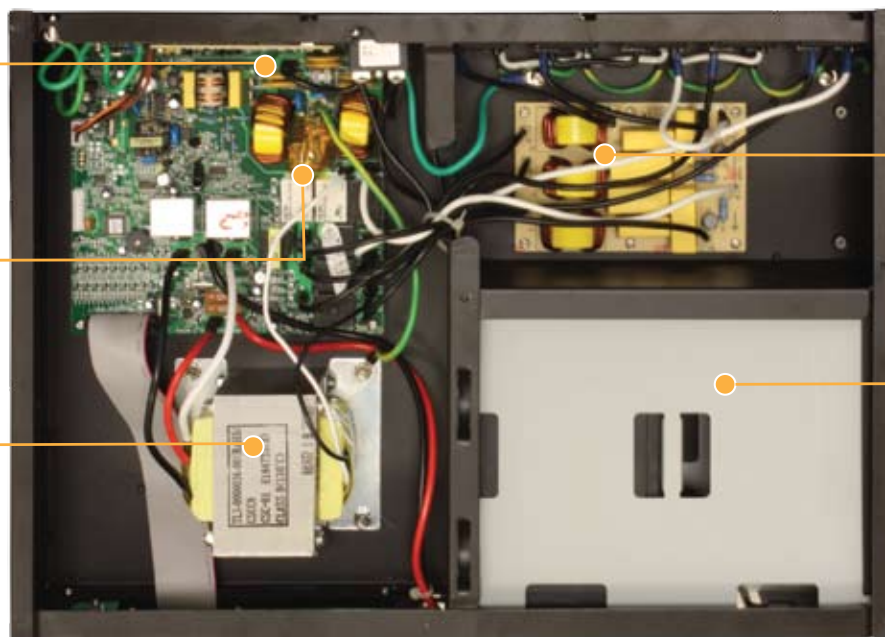
UPS CHARGING TRANSFORMER
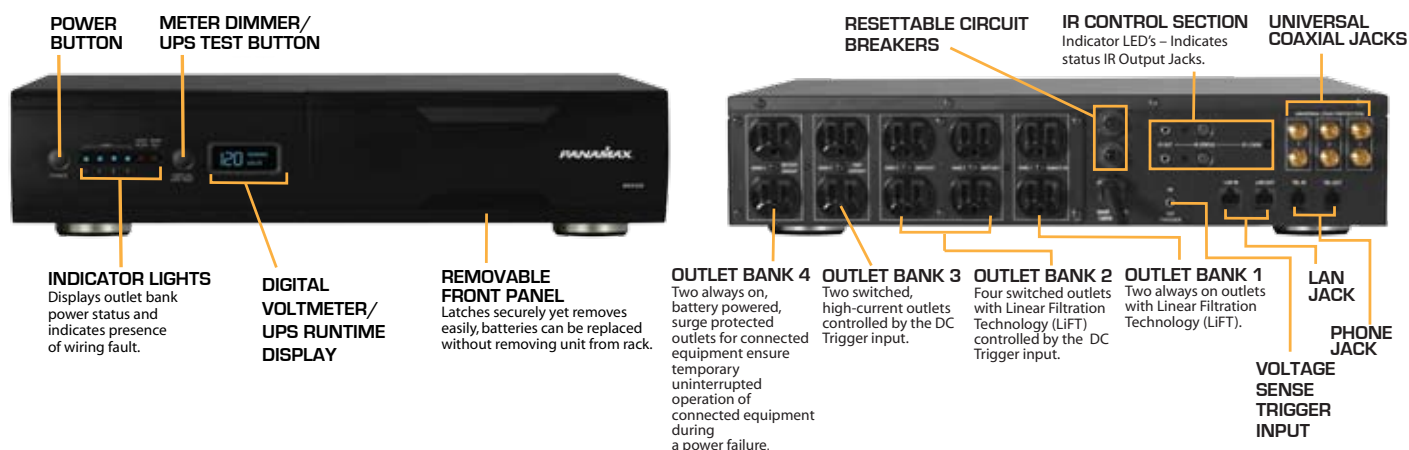For Charging Battery Backup.

LiFT FILTRATION
Linear Filtering Technology provides a lower noise floor to ensure optimal performance of A/V equipment.

600VA SIMULATED SINE WAVE BATTERY CARRIAGE
Batteries can be replaced without removing unit from rack.

Front rack ears included. Rear rack rails available.

POWER BUTTON

METER DIMMER/ UPS TEST BUTTON

RESETTABLE CIRCUIT BREAKERS

IR CONTROL SECTION
Indicator LED's – Indicates status IR Output Jacks.

UNIVERSAL COAXIAL JACKS

INDICATOR LIGHTS
Displays outlet bank power status and indicates presence of wiring fault.

DIGITAL VOLTMETER/ UPS RUNTIME DISPLAY

REMOVABLE FRONT PANEL
Latches securely yet removes easily, batteries can be replaced without removing unit from rack.

OUTLET BANK 4
Two always on, battery powered, surge protected outlets for connected equipment ensure temporary uninterrupted operation of connected equipment during a power failure.

OUTLET BANK 3
Two switched, high-current outlets controlled by the DC Trigger input.

OUTLET BANK 2
Four switched outlets with Linear Filtration Technology (LiFT) controlled by the DC Trigger input.

OUTLET BANK 1
Two always on outlets with Linear Filtration Technology (LiFT).

LAN JACK

PHONE JACK

VOLTAGE SENSE TRIGGER INPUT

MB850

BATTERY BACKUP FOR HOME ENTERTAINMENT

- 5 Battery Powered Outlets with AVM Provides continuous battery backup when power is interrupted
- 4 Full time Surge Protected Outlets
- 850 VA
- Line-Interactive - 4ms
- Graphic UI
- Run Time In Minutes
- 1 Coaxial Input/Output
- RS-232C & USB for HTPC Interfacing
- 1 Ethernet Input/Output
- Automatic Voltage Regulation (5 Battery Connected Outlets)

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MB1000

1000VA UNINTERRUPTIBLE POWER SUPPLY/POWER CONDITIONER FOR HOME THEATER
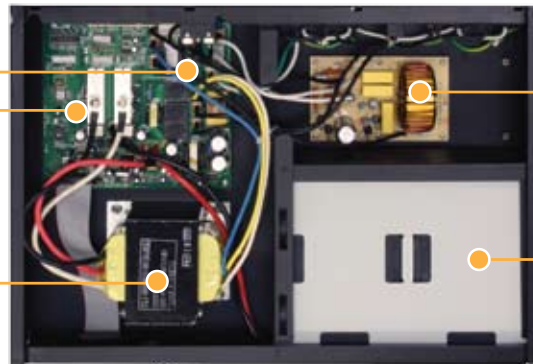
SURGE PROTECTION
Panamax's proven, professional surge/spike protection.

AVM
Provides over/under voltage protection to ensure unit switches to battery power under prolonged dangerous voltage conditions.

AUTOMATIC VOLTAGE REGULATION
Boost/buck transformer stabilizes incoming voltage to a safe level.

LiFT FILTRATION
Linear Filtering Technology provides a lower noise floor to ensure optimal performance of A/V equipment.

1000VA SIMULATED SINE WAVE BATTERY CARRIAGE
Batteries can be replaced without removing unit from rack.

Front rack ears included. Rear rack rails available.

INDICATOR LIGHTS
Displays outlet bank power status and indicates presence of wiring fault.

ROTARY ENCODER AND LCD SCREEN
Provides programming and control functionality through front-panel interface.

REMOVABLE FRONT PANEL
Latches securely yet removes easily, batteries can be replaced without removing unit from rack.

RS-232 INTERFACE
RS-232 interface provides programming and control functionality.

IR CONTROL
Allows shutdown command to be sent to remote components in a power outage.

OUTLET BANK 2
Non-critical load bank can be programmed to divert energy to Banks 1 & 2 when battery runs low.

OUTLET BANK 1
Critical load bank can be programmed to keep connected equipment online longest.

USB CONNECTOR
Allows direct PC connection for programming and control (software included).

MB1500

1500VA TRUE SINE WAVE UNINTERRUPTIBLE POWER SUPPLY/POWER CONDITIONER

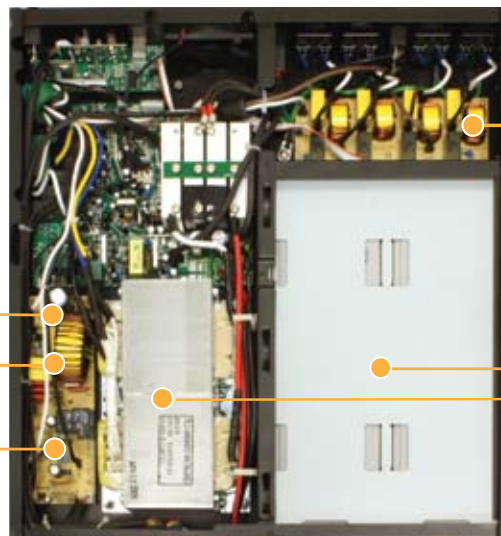**BlueBOLT™ COMPATIBLE**

OUTLET BANK ISOLATION & FILTRATION
Reduces inter-component noise and interference.

SURGE PROTECTION
Panamax's proven, professional, non-sacrificial surge/spike protection.

AVM
Provides over/under voltage protection to ensure unit switches to battery power under prolonged dangerous voltage conditions.

LiFT FILTRATION
Linear Filtering Technology provides a lower noise floor to ensure optimal performance of A/V equipment.

1500VA TRUE SINE WAVE BATTERY CARRIAGE
Batteries can be replaced without removing unit from rack.

AUTOMATIC VOLTAGE REGULATION
Boost/buck transformer stabilizes incoming voltage to a safe level.

RS-232/BlueBOLT CARD SLOT
RS-232 card (included) can be replaced with BlueBOLT-CV1 interface (sold separately) for cloud-based TCP/IP control and monitoring.

IR CONTROL
Allows shutdown command to be sent to remote components in a power outage.

Front rack ears included. Rear rack rails available.

INDICATOR LIGHTS
Displays outlet bank power status and indicates presence of wiring fault.

ROTARY ENCODER AND LCD SCREEN
Provides programming and control functionality through front-panel interface.

REMOVABLE FRONT PANEL
Latches securely yet removes easily, batteries can be replaced without removing unit from rack.

OUTLET BANKS 3 & 4
Noise-isolated, non-critical load banks can be programmed to divert energy to Banks 1 & 2 when battery runs low.

OUTLET BANKS 1 & 2
Noise isolated, critical load banks can be programmed to keep connected equipment online longest.

EXTERNAL BATTERY CONNECTOR
Accepts connection of BATT1500-EXT (sold separately) to increase battery runtime by as much as 4x.

USB CONNECTOR
Allows direct PC connection for programming and control (software included).

PANAMAX®   www.panamax.com

Compare for yourself which UPS product from Panamax best fits your system requirements.

MODEL	MB850	MX5102	MB1000	MB1500
	Battery Backup for your Home Theater System	Complete Power Management with Battery Backup for your Home Theater System	Uninterruptible Power Supply & Voltage Regulator for your Home Theater System	Fully Programmable, Uninterruptible Power Supply and Voltage Regulator
Suggested Retail Price	$299.95	$649.95	$749.95	$1,299.95
Category	Hybrid Battery Backup with Surge Protection	Hybrid Power Conditioner /Battery Backup and Surge Protection	Battery Backup with Voltage Regulation and Surge Protection	Battery Backup with Voltage Regulation and Surge Protection
VA Rating	850	600	1000	1500
Maximum Current Capacity	12	12	12	12
Learning IR	NO	YES	YES	YES
RS-232 Communication Port	NO	NO	YES	YES
BlueBOLT COMPATIBLE	NO	NO	NO	YES (with BlueBOLT CV-1 Card Sold Separately)
Automatic Voltage Monitoring (AVM) Surge Protection Circuit	NO	YES	YES	YES
Voltage Regulation	YES	NO	YES	YES
Applications	DVR's, Game Consoles, Set Top Box, HTPC	DVR's, Game Consoles, Set Top Box, HTPC, Lamp Based Projection, Audio Components & High Current Audio Components	DVR's, Game Consoles or HTPC, Set Top Box, Lamp Based Projection, Control Systems	Multiple DVR's, Game consoles, Multiple Set Top Boxes, Lamp Based Projection, Control Systems, Mission Critical
Filtration Specifications		30dB min from 100kHz-2MHz 50dB max @ 270kHz	40dB min from 100kHz-2MHz 65dB max @ 270kHz	40dB min from 100kHz-2MHz 75dB max @ 270kHz
Total Outlets	9	10	8	8
Outlets with LiFT Filtration	0	6	8	8
# Critical Outlets	0	0	4	4
# UPS Outlets	5	2	8	8
Coax/Tel/LAN Connections	Coax 1 pr, 1 Tel or LAN In/Out	Coax 3 pr, 1 Tel In/Out, 1 LAN In/Out	None	None
Output	Simulated Sine Wave	Simulated Sine Wave	Simulated Sine Wave	Pure Sine Wave
Compatible with BATT-1500-EXT extension battery	NO	NO	NO	YES
Green Power Features	Increased product longevity reduces landfill waste.	12 Volt Trigger, Increased product longevity reduces landfill waste.	RS 232 Communication Port, Increased product longevity reduces landfill waste.	IP control and RS232 Communication Port
Rack mountable	NO	Yes (rack mounting kit included)	Yes (rack mounting kit included)	Yes (rack mounting kit included)
Limited Product Warranty*	3 Year Limited - MB850 2 Year Battery Replacement	3 Year Limited - MX5102 2 Year Battery Replacement	3 Year Limited - MB1000 2 Year Battery Replacement	3 Year Limited - MB1500 2 Year Battery Replacement
Limited Connected Equipment Policy*	3 Year, $250,000	3 Year, $5,000,000	Limited Connected Equipment Policy Valid Only if Used with Panamax Product. See actual product(s) warranty(s) for details.	Limited Connected Equipment Policy Valid Only if Used with Panamax Product. See actual product(s) warranty(s) for details.

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