

Battery Back-Up Device

Technical Documentation



The PM-850 Battery Back-up provides AVR (Automatic Voltage Regulation), which stabilizes input voltage to an appropriate level for optimal equipment performance by completely eliminating brownouts and over voltages.

This smart unit provides battery back-up and surge protection to 5 outlets and surge protection to an additional 4 outlets that do not require constant power. With a set of in/out co-axial plugs as well as a set of combo telephone/LAN connect plugs, you can be assured of complete coverage to all connected equipment. Also offers a USB/Serial connection to a connected PC.

Key Specs

- Lamp Based Display

Features

- Automatic Voltage Regulation
- Dimensions 4.3"W x 10.3"D x 8.9"H
- Weight 16 lbs
- 5 Outlet Battery Back-up + Surge
- 4 Outlet Surge Only
- 120 mins run time
- Automatic shut-down software

Certifications

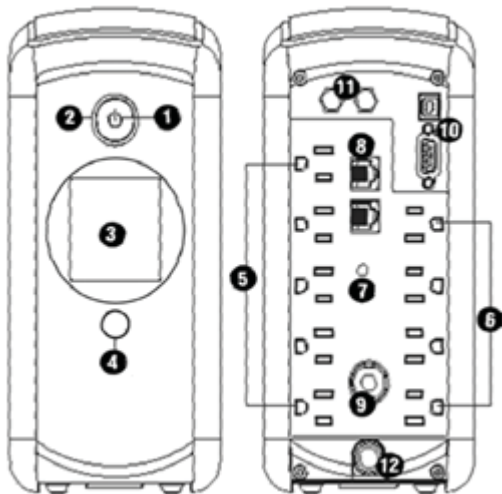
- UL1778 Listed

General Technical Specifications	
Weight	16 lbs.
Dimensions	4.375"W x 10.25"D x 8.875"H
Output Power	850VA / 510 Watts with AVR
Output Voltage on Utility - Voltage	90V - 140V
Frequency	57 - 63 Hz
AVS Smart Boost	Boost 10% of input voltage for output
Surge Energy Capacity	890 Joules
Maximum Surge Current	36,000 Amps
Design Specification	NSI/IEE C62.41 CAT A
Battery Runtime	Up to 120 minutes
Battery Recharge	8 hours from total discharge
Battery Normal Life	3 to 6 years
Output Voltage on Battery - Voltage	120V ±5V
Frequency	60Hz

Diagrams

DRAWING 1

Back and Front of Unit



- 1. Power Switch
- 2. Power On Indicator
- 3. LCD Module Display
- 4. LCD Display Toggle Switch
- 5. Battery and Surge Protected Outlets
- 6. Full-time Surge Protection Outlets
- 7. Electrical Wiring Fault Indicator
- 8. Communication Protection Ports
- 9. Circuit Breaker
- 10. Serial / USB Ports
- 11. Coax / Cable / DSS Surge
- 12. Input Power Cord

Ordering Information

MODEL

PM-850 Battery Back-Up

LCD DISPLAY PROVIDES

- Output Power Frequency when interrupted
- Input Voltage Level
- Output Voltage Level
- AVR Status Meter
- Battery Capacity
- Estimated Runtime
- Load Level

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