



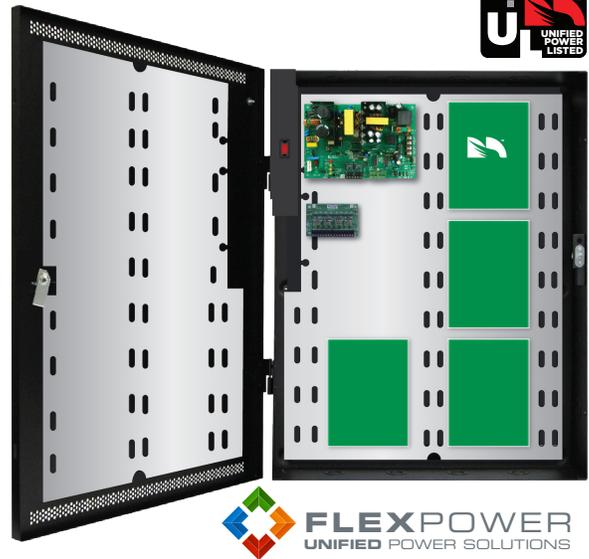
Overview

MCLASS™ Unified Power Systems combine FlexPower® power modules alongside Mercury Security™ access hardware in one compact and secure UL Listed solution.

The FPO Power Supply / Battery Charger provides two power outputs user selectable for 12 or 24 VDC. One output provides continuous output power for system use, the second is resettable output power, activated when the fire alarm disconnect is initiated.

For access or lock power, a D8P module provides eight class 2 power limited outputs rated at 2.5A per output, each individually programmable for constant output or FAI disconnect.

MCLASS enclosures are painted steel with removable backplate and include lock, two (2) keys and tamper switch.



System Features

- ♦ **FPO offline power supply**
 - 120 or 230 VAC input
 - 12 or 24 VDC output
 - On board Fire Alarm Interface
 - Continuous and resettable DC
- ♦ **Distributed output module**
 - Sixteen class II power limited at 2.5A each
- ♦ **Expansion options**
 - Increased power, multiple voltages
 - Additional distribution outputs
 - Network monitoring and reporting
- ♦ **Lifetime Warranty**

Enclosure Features

- ♦ **Labor saving design**
 - Pre-wired power section
 - Pre-punched knockouts
 - Removeable backplate simplifies installs
 - Pre-defined hole pattern for all boards
 - Access panels mount on threaded standoffs - no drilling required
- ♦ **Additional benefits**
 - Wire management room
 - 6.5" enclosure depth for battery sets
 - AC on/off circuit breaker switch
 - Tamper switch, lock, dual key set standard
 - Mounting hardware for access boards included

Ordering

Description

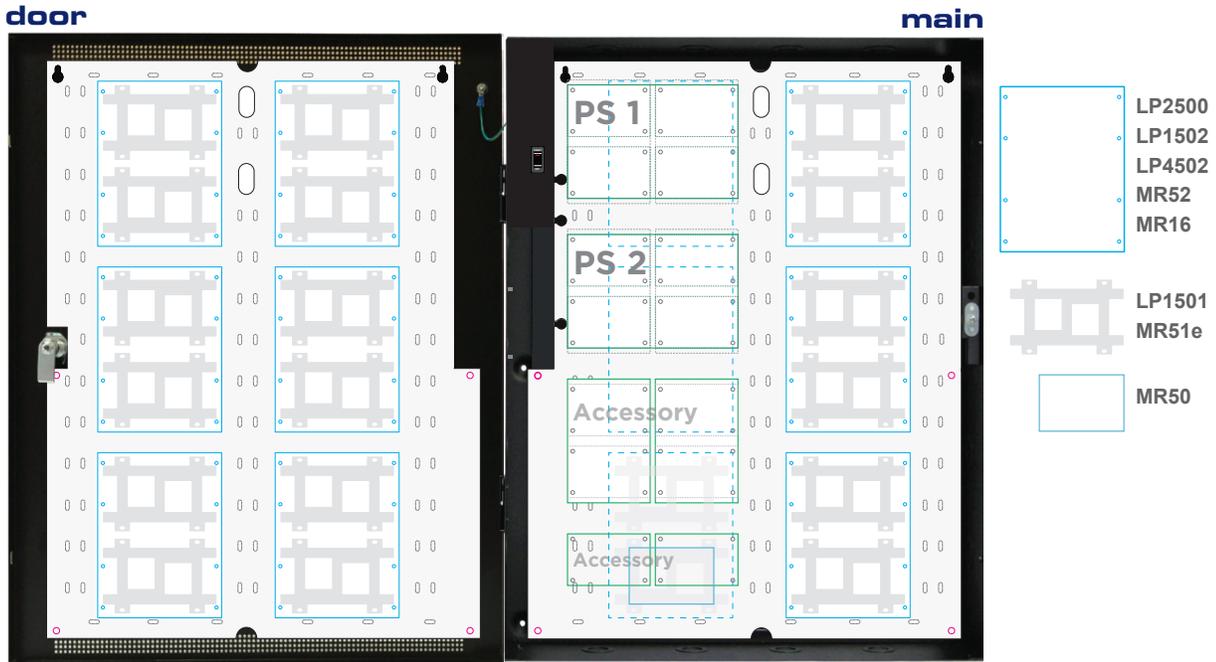
FP0150-D8PE6M1 150W (12V or 24V) 8 auxiliary Class 2 outputs, MCLASS enclosure



Specifications

Input Power	Input 120/230 VAC 50/60 Hz 170 Watts (1.42A) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	FPO150: 12V/12A or 24V/6A 150 Watts Outputs: Continuous (DC1) Resettable (DC2) 8 auxiliary outputs, fused at 3A each 120 mV output voltage ripple System Efficiency: 87% System BTU Rating: 66 BTU/Hr
Battery Charging	Independent built-in 2A charger for sealed lead acid or gel type batteries Microprocessor dual rate charging of 12 or 24 V battery sets Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision	AC Fail (form "C" contacts) System fail (form "C" contacts) may be triggered by low/no battery, short to earth ground and power supply failure
Visual Indicators	AC input, DC1 and DC2 output System fault AC fault Short to earth ground Reverse battery polarity Fire Alarm Input activated D8 output status
Regulatory Compliance	UL294, UL603, UL1076, ULC S318, ULC S319
Mercury/LSP	CSA C22.2 #107.1, CSA 22.2 #60950
Joint Listing	CSFM / FCC Part 15, Subpart B CE
Enclosure Dimensions	Size: 30.00H x 23.00W x 6.50D in. (76.00 x 59.00 x 16.50 cm) Weight: 40 lbs.
Access Panel Mounting	LP1501, LP1502, LP4502, LP2500, MR50, MR51e, MR52, MR16, LNL-500, 1100, 1200, 1300, 1320, 2000, 2210, 2220, 3300

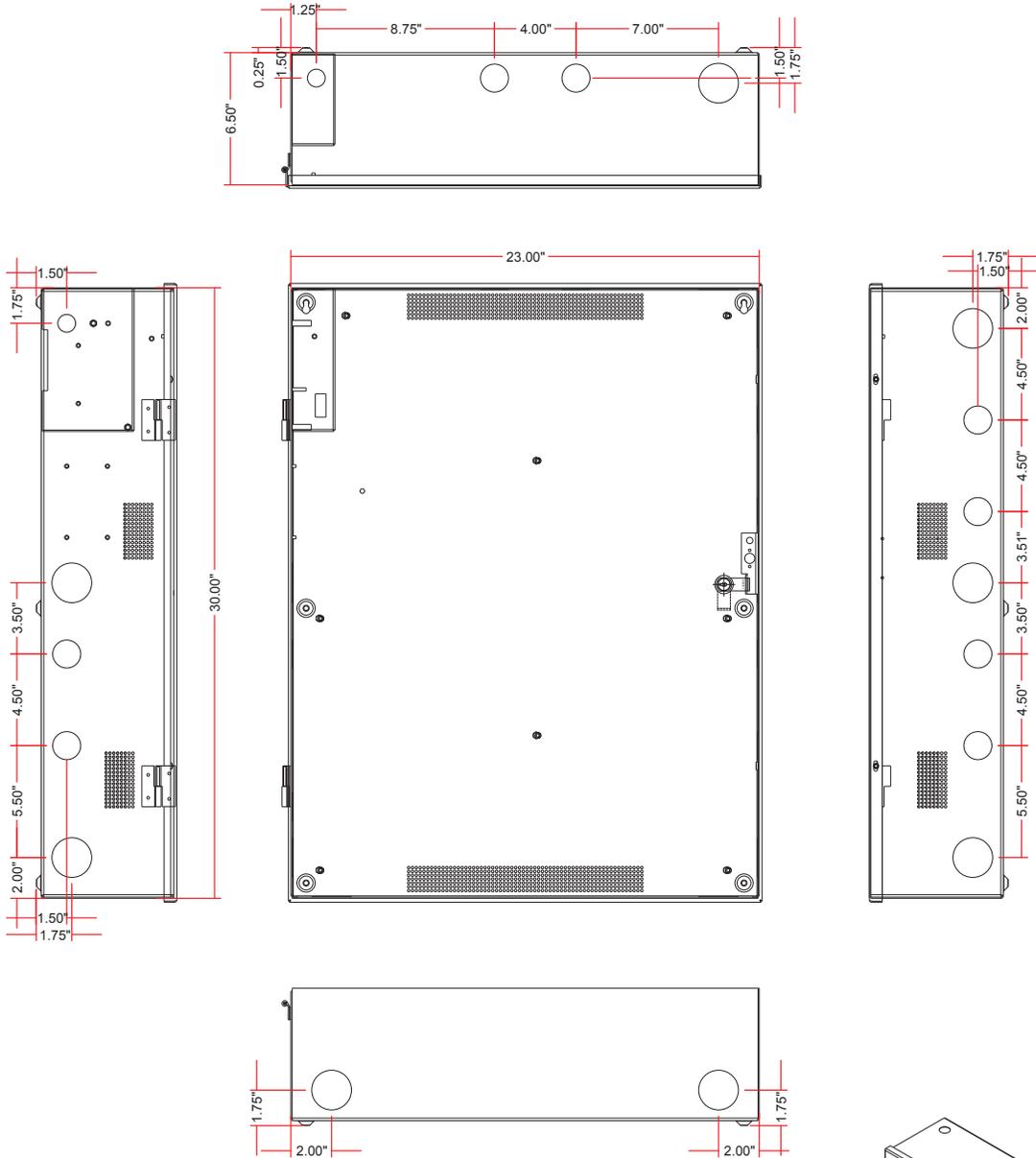
E6M1 Mercury Mounting Guide



Enclosure Features

- ◆ **Custom Backplate**
 - Main and door plates are reverse image
 - LSP pre-wired power modules reduce installation time
 - Light weight aluminum with AC and battery slots to protect cables
 - Vertical Mercury pattern for maximum design flexibility
 - Wide wire management channels for panduit or tye wrap
- ◆ **E6 Enclosure**
 - Protected AC cover with on/off circuit breaker for maintenance safety
 - Pre-drilled mounting holes for field upgrades
 - Deeper 6.5" cabinet accommodates large battery sets
 - Removable door with "fast disconnect" ground strap
 - Multiple knockouts all four sides

E6 Enclosure Dimensions (H x W x D) 30.00" x 23.00" x 6.50" (76 x 58 x 16.5 cm)



LifeSafetyPower.com

(888) 577-2898
info@lifesafetypower.com

Specifications subject to change without notice.

© 2022 LifeSafety Power. All rights reserved. LifeSafety Power and FlexPower are registered trademarks of LifeSafety Power. This literature is for guidance only. It does not constitute recommendations, representation, or advice, nor is it part of any contract. Our policy is one of continuous product improvement, and the right is reserved to modify the specifications contained herein without notice.

P01-920A 07/22

LifeSafety Power
10027 S. 51st Street, Suite 102
Phoenix, AZ 85044 USA

