



## 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

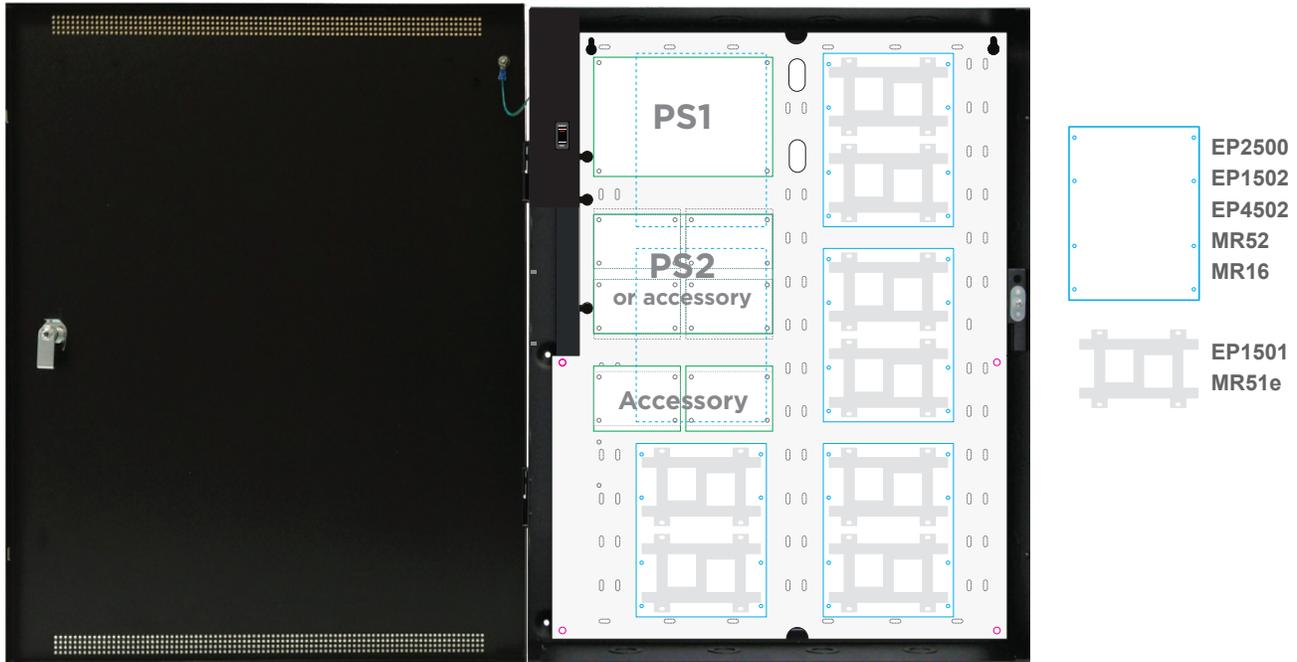
Ordering	Description
FP075-D8PE6M	150W (12V or 24V) 8 auxiliary Class 2 outputs, MCLASS enclosure



## Specifications

<b>Input Power</b>	Input 120/230 VAC 50/60 Hz   83 Watts (.70 Amps) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
<b>Output Power</b>	FP075: 12V/6A or 24V/3A   75 Watts Outputs: Continuous (DC1) Resettable (DC2) 8 auxiliary outputs, class II power limited rated at 2.5 Amps per output 120 mV output voltage ripple System Efficiency: 83%   System BTU Rating: 33 BTU/Hr
<b>Battery Charging</b>	Independent built-in 1A charger for sealed lead acid or gel type batteries Microprocessor dual rate charging of 12 or 24 V battery sets Charges up to 40Ah battery sets within UL limit Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
<b>Supervision</b>	AC Fail (form "C" contacts) System fail (form "C" contacts) may be triggered by low/no battery, short to earth ground, power supply failure or blown fuse
<b>Visual Indicators</b>	AC input, DC1 and DC2 output System fault   AC fault   Short to earth ground   Reverse battery polarity Fire Alarm Input activated D8P: DC outputs
<b>Regulatory Compliance</b>	UL294, UL603, UL1076, ULC S318, ULC S319
<b>Mercury/LSP</b>	CSA C22.2 #107.1, CSA 22.2 #60950
<b>Joint Listing</b>	CSFM / FCC Part 15, Subpart B CE
<b>Enclosure Dimensions</b>	Size: 30.00H x 23.00W x 6.50D in. (76.00 x 59.00 x 16.50 cm)   Weight: 45 lbs.
<b>Access Panel Mounting</b>	LP1501, LP1502, LP4502, EP2500, MR50, MR51e, MR52, MR16, LNL-500, 1100, 1200, 1300, 1320, 2000, 2210, 2220, 3300

## E6M Mercury Mounting Pattern



### Enclosure Features

- ◆ **Custom Backplate**
  - Light weight aluminum with AC and battery slots to protect cables
  - LSP pre-wired power modules reduce installation time
  - 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

### LifeSafetyPower.com

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Specifications subject to change without notice.

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