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 a 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 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
- **Lifetime Warranty**

Enclosure Features
- **Labor saving design**
  - Pre-wired power section
  - Pre-punched knockouts
  - Removable 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

Specifications

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<td>FPO150-D8PE6M1</td>
<td>Input 120/230 VAC 50/60 Hz</td>
<td>FPO150: 12V/12A or 24V/6A</td>
<td>Independent built-in 2A charger for sealed lead acid or gel type batteries</td>
<td>AC Fail (form “C” contacts)</td>
<td>AC input, DC1 and DC2 output</td>
<td>UL294, UL603, UL1076, ULC S318, ULC S319</td>
<td>CSA C22.2 #107.1, CSA C22.2 #60950</td>
<td>Size: 30.00H x 23.00W x 6.50D in. (76.00 x 59.00 x 16.50 cm)</td>
<td>EP1501, EP1502, EP4502, EP2500, MR50, MR51e, MR52, MR16, LNL-500, 1100, 1200, 1300, 1320, 2000, 2210, 2220, 3300</td>
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<td></td>
<td>Overload and short circuit protection</td>
<td>150 Watts (1.42A)</td>
<td>Microprocessor dual rate charging of 12 or 24 V battery sets</td>
<td>System fail (form “C” contacts) may be triggered by low/no battery, short to earth ground and power supply failure</td>
<td>System fault</td>
<td>CSFM / FCC Part 15, Subpart B</td>
<td>CE</td>
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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)