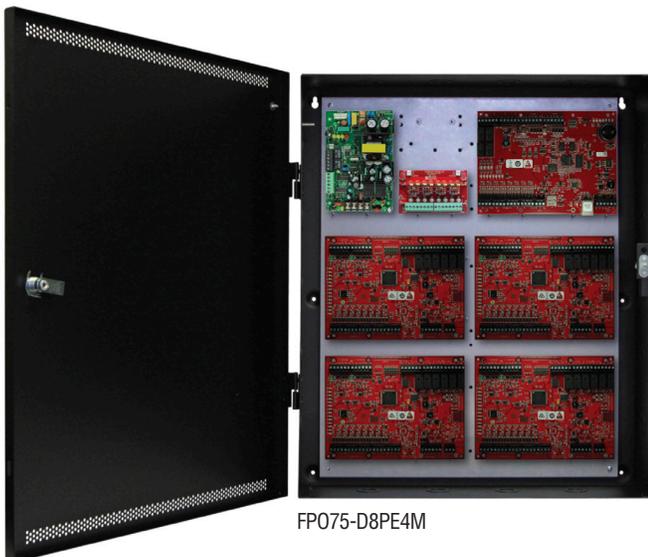## FLEXPOWER UNIFIED POWER SOLUTIONS

Overview

MCLASS multi-purpose enclosures offer maximum flexibility, function- ality and savings to access system designers. MCLASS enclosures are engineered to house FlexPower® power management boards alongside Mercury Security™ access hardware in one compact, secure UL294 listed system.

To prevent damage to system electronics, the backplate separates from the enclosure for access hardware mounting in the shop while wiring is pulled to the enclosure at the job site. Once configured, the backplate can be remounted for final ties and checkout.

Features

➢ Mounts LSP power and access hardware in a variety of combinations

➢ Removable backplate simplifies job installation

➢ Pre-engineered access mounting patterns saves installation time
  ◆ Power and distribution boards are mounted and pre-wired
  ◆ Access boards mount on provided threaded standoffs

➢ Mechanical upgrades
  ◆ Removable door with quick disconnect grounding strap
  ◆ Lockset and tamper switch provided
  ◆ 6.5" enclosure depth to accommodate battery area
  ◆ 16 Gauge steel with textured black finish
  ◆ Multiple knockouts all four sides

Part No.	Door Count	Description	Weight
E4M	up to 8 Doors	Enclosure with Mercury backplate	22 lbs
E4M1	up to 16 Doors	Enclosure with backplate & door mount	24 lbs
E4M2	up to 12 Doors	Door mount only (no main backplate)	20 lbs
E4M3	4 Door	4 DR configuration optimized wire mgmt	22 lbs

All E4x enclosures are 24H x 20W x 6.5D

)us CE

Custom Backplate System

FPO75-D8PE4M

Flexible Mounting Pattern

The E4M aluminum backplate is removable and mounts Mercury ac- cess control panels and FlexPower modules in both single and dual voltage configurations.

FlexPower power supply(s) and distribution boards mount in pre-drilled locations. Mercury panel mounts on supplied threaded standoffs.
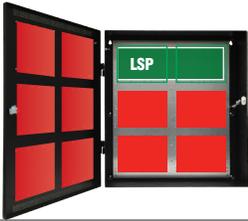
6.5" enclosure depth accommodates 8AH batteries.
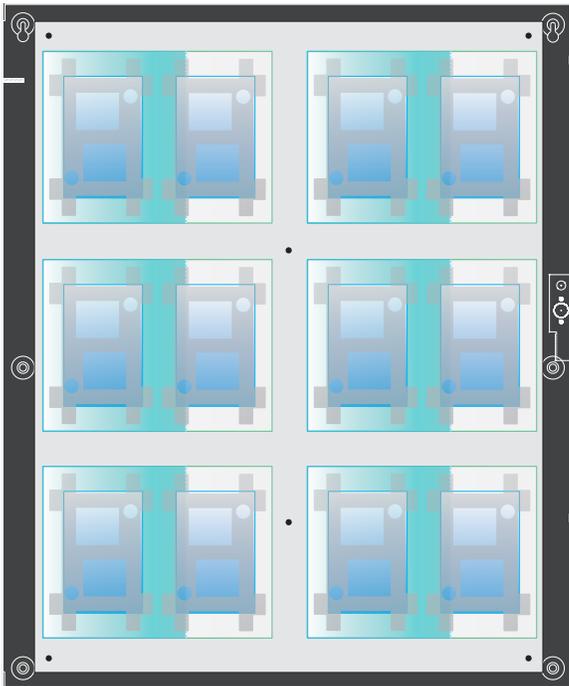
LSP/Mercury Joint UL/CUL Listing

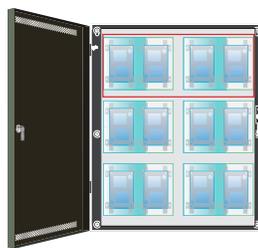Any combination of listed LSP and Mercury controllers may be configured and retain UL/CUL system listing

E4Mx Mercury Mounting Guide

Access board Part Number	Panel Foot print	Max fit with Power	Max fit all Access	E4M Main Backplate	E4M1 option adds six more 6x8 on door
LP1501	5.5 x 3.6	10	12		
LP1502 / 4502	6 x 8	5	6		
LP2500	6 x 5	5	6		
MR50	4.25 x 2.75	10	12		
MR51e	5.5 x 3.6	10	12		
MR52	6 x 8	5	6	E4M2 door option six 6x8 on door / LSP in main	E4M3 wire management fits two 6x8 vertically
MR16in	6 x 8	5	6		
MR16out	6 x 8	5	6		
MUX-8	6 x 5	5	6		

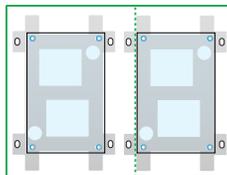## E4 MCLASS Backplate Pattern

E4M TYPICAL EIGHT DOOR

E4M1 TYPICAL SIXTEEN DOOR
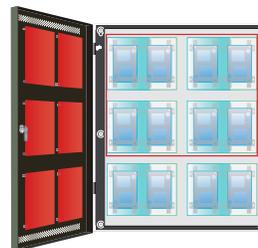
E4M2 DOOR MOUNT WITHOUT MAIN BP
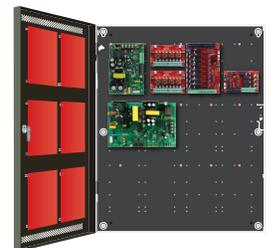
UNIVERSAL PATTERN
all boards each slot

(1) LP1502 / MR52
(1) LP2500
(2) LP1501 / Mr51E
(2) MR50

Typical LSP
module locations

STANDARD SYSTEMS

Single Voltage

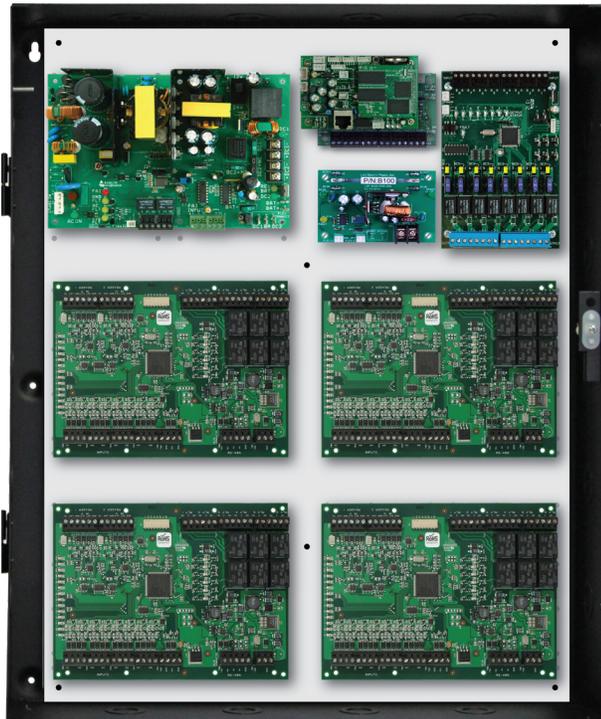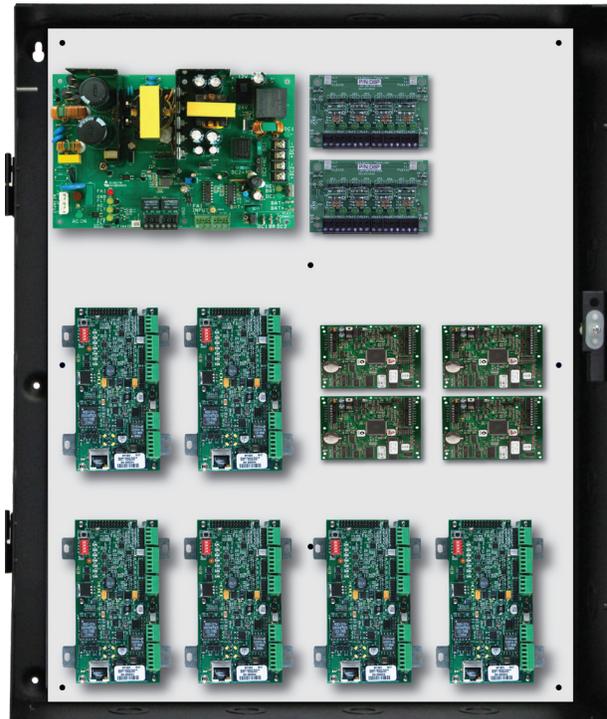### Dual Voltage

NETWORKED AND POE
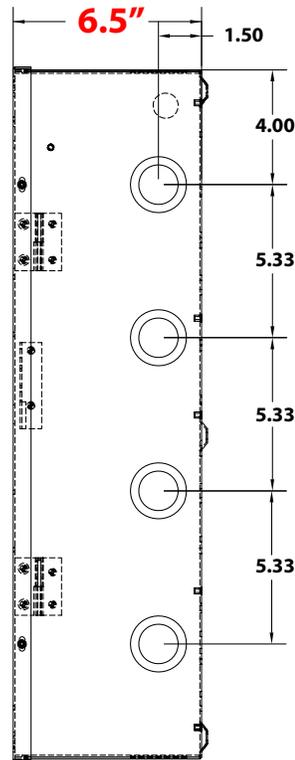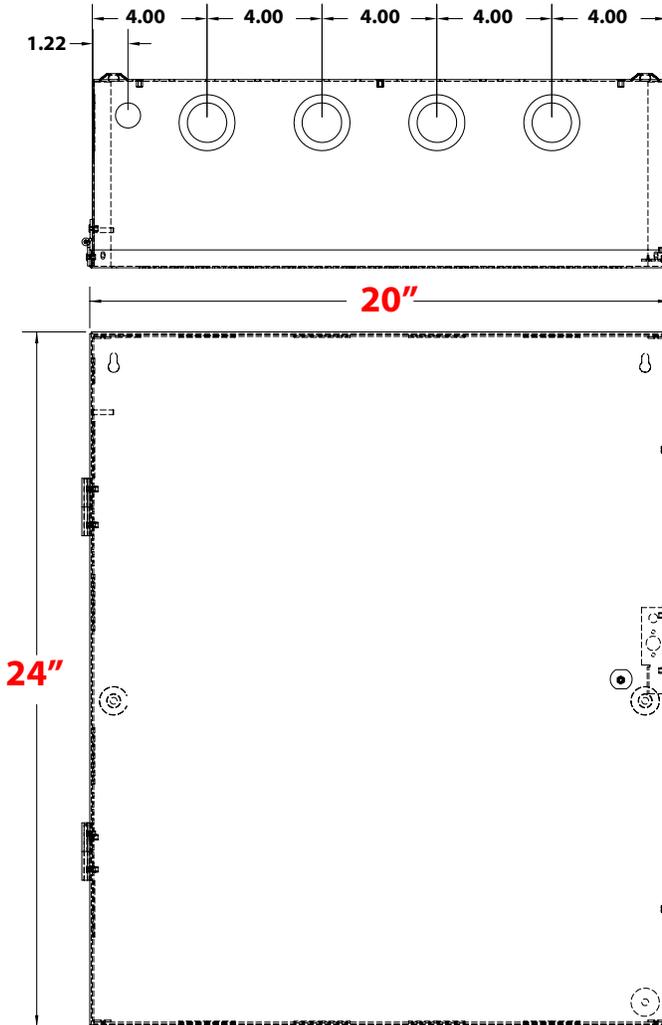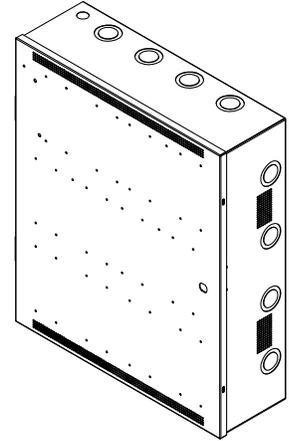
Network Managed

Power over Ethernet

E4 Mechanical Specification

Enclosure Dimensions (H x W x D)
24.00" x 20.00" x 6.50" (61 x 51 x 16.5 cm)

lifesafetypower.com

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Specifications subject to change without notice.

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