



Part No.	Door Count	Description	Weight
E2M	2 - 4 Doors	Enclosure with main backplate	20 lbs

E2 enclosure size: 20H x 16W x 4.5D (51 x 41 x 11.4 cm)



Overview

MCLASS multi-purpose enclosures offer maximum flexibility, functionality 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
 - ◆ 4.5" enclosure depth to accommodate battery area
 - ◆ 16 Gauge steel with textured black finish
 - ◆ Multiple knockouts all four sides

Custom Backplate System



Flexible Mounting Pattern

The E2M backplate is designed with a unique Mercury mounting pattern to provide the installer with a configuration mechanism capable of supporting both standard and PoE subassemblies in an extremely efficient manner for maximum door count.

The backplate is removable and mounts controllers and LSP modules in both single and dual voltage configurations.

The 4.50" cabinet depth allows for various battery sizes and capacities based on standby time required.

LSP/Mercury Joint UL/CUL Listing

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

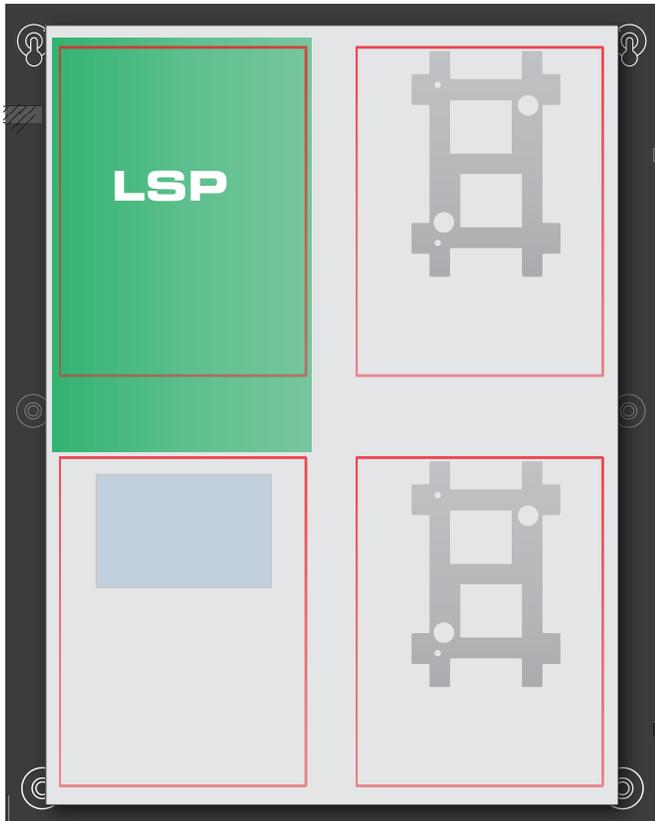


E2M Mercury Mounting Guide

Mercury	Slots w/Power	Slots all Mercury
LP1502 / 4502	3	4
LP2500 / MUX8	3	4
MR16in / MR16out	3	4
MR50	1	1
LP1501 / MR51e	2	3

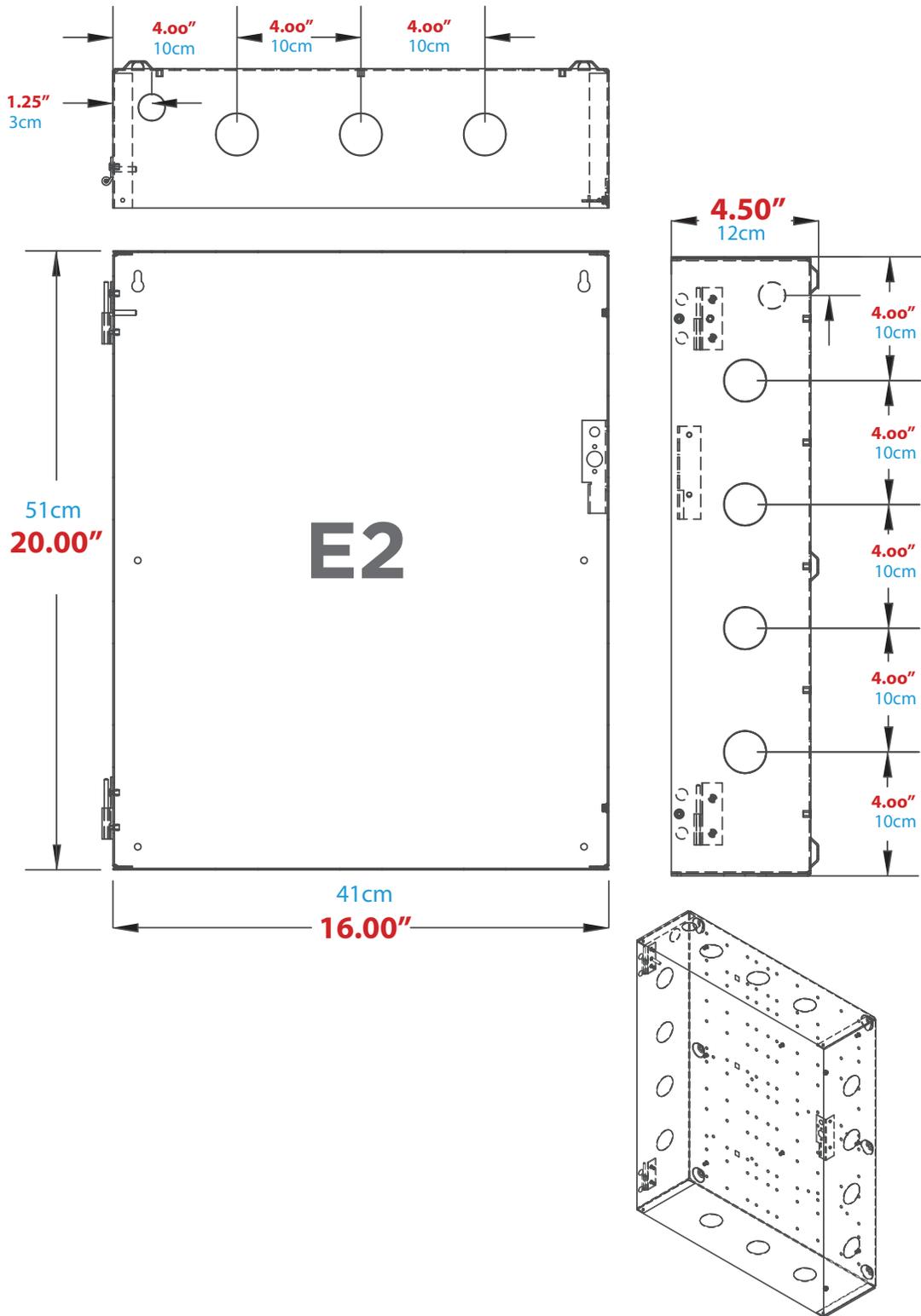
Enclosure Features

- ◆ Custom Backplate
 - LSP power modules pre-wired in top area
 - Up to four LP1502/MR52 controllers or up to three POE controllers
- ◆ Mechanical
 - 4.5" cabinet depth
 - Removable door with "fast disconnect" ground strap
 - Multiple knockouts all four sides
 - Network module mounting holes for field upgrade



E2 Enclosure Dimensions (H x W x D)

20.00" x 16.00" x 4.50" (51 x 41 x 11.4 cm)



[lifesafetypower.com](https://www.lifesafetypower.com)

(888) 577-2898
info1@lifesafetypower.com

Specifications subject to change without notice.

© 2022 LifeSafety Power. All rights reserved. LifeSafety Power and FlexPower are registered trademarks of LifeSafety Power. All other trademarks and copyrights are the property of their respective owners.

Mercury Security is a registered trademark of Mercury Security.

P01-470A 07/22

LifeSafety Power

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