

Part No.	Size	Weight
E8M	36"H x 30"W x 4.5"D	85 lb.

Overview

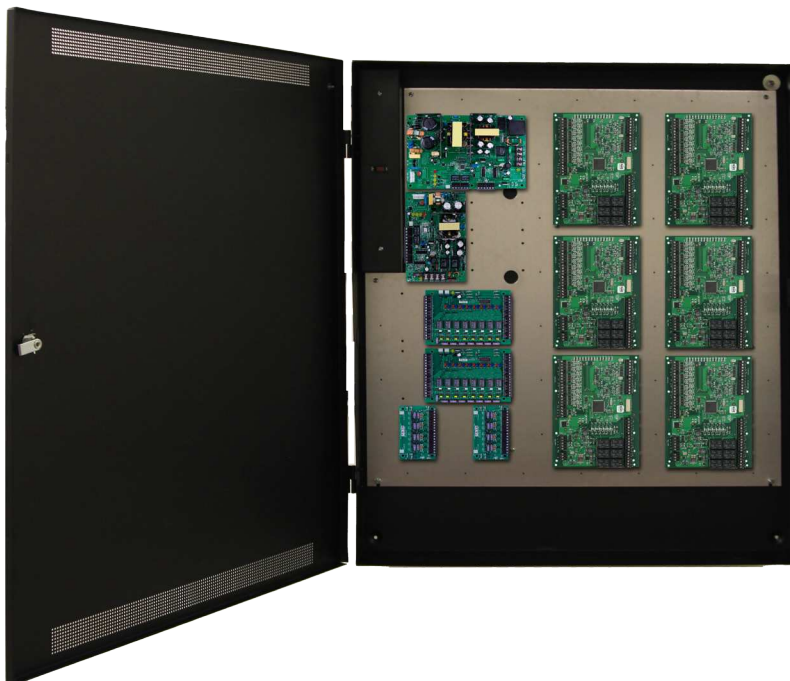
MCLASS multi-purpose enclosures offer maximum flexibility, functionality and savings to access system designers. MCLASS enclosures are engineered to house FlexPower® power management boards alongside access hardware in one compact, secure system.

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 re-mounted for final ties and checkout.

Features

- Mounts LSP power and access hardware in a variety of combinations
- Removable back plate simplifies job installation
- Logical mounting pattern for access and power
 - ◆ Hole pattern mounts LSP power boards
 - ◆ Stud pattern mounts access panels
- AC on/off switch for maintenance convenience
- Mechanical refinements
 - ◆ Covered AC input with terminal block
 - ◆ Dual Locks with two (2) keys with tamper switch
 - ◆ 4.5" enclosure depth to accommodate battery
 - ◆ 19 Gauge steel with textured black finish

Flexible Backplate Mounting System



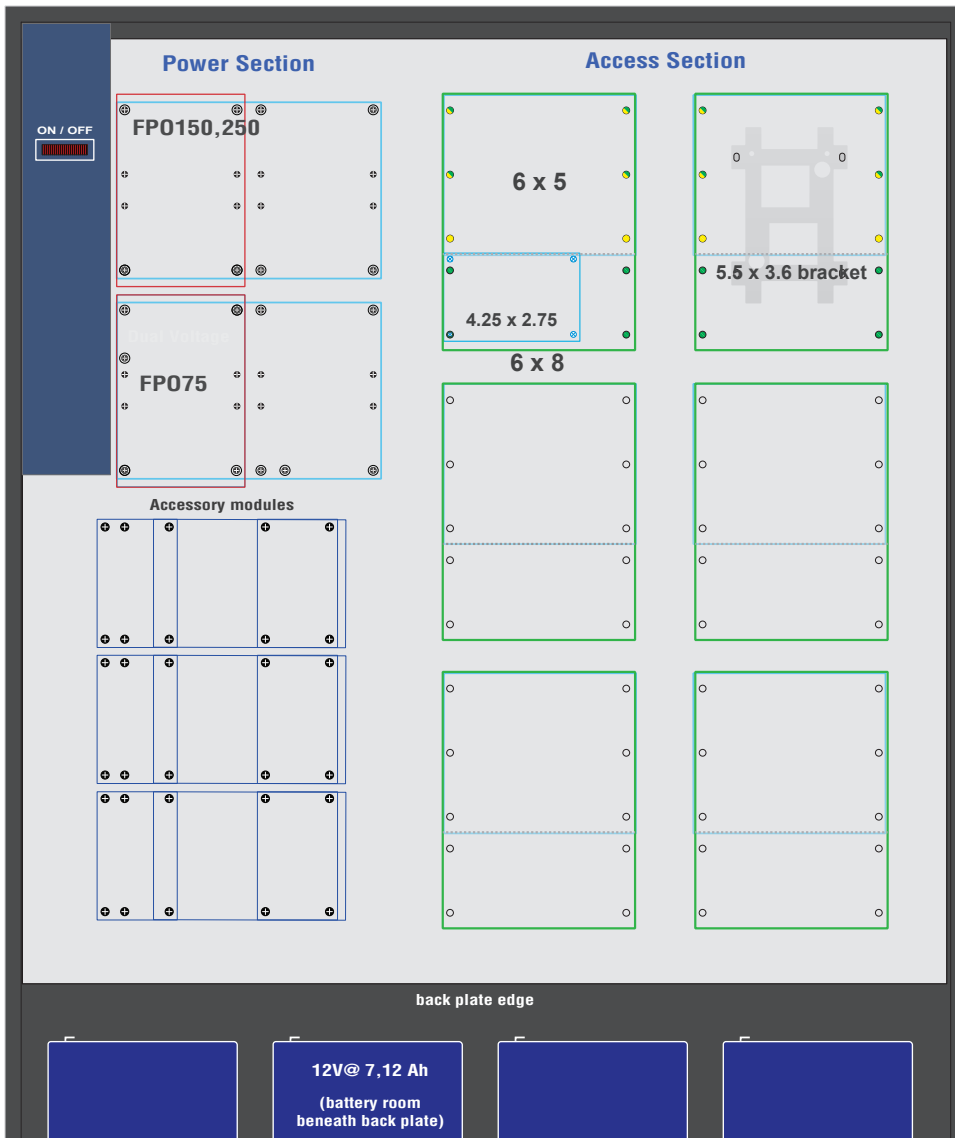
The E8M backplate is removable and mounts access hardware and FlexPower modules in a variety of combinations.

FlexPower components mount in predrilled hole patterns. Access panels mounts on a threaded stud pattern so as to preserve a visible difference between the two equipment mounting mechanisms.





A complete set of hardware is supplied for mounting access panels into the E8M MCLASS enclosure.

E8M access mounting combinations

Panel Footprint	Model Number	Max fit w/ Power	Max all Access
4.25 x 2.75	MR50 LNL-1300	1	1
5.5 x 3.6 (bracket)	EP1501 LNI-2210	1	1
5.5 x 3.6 (bracket)	MR51e no cross	1	1
6 x 5	– LNL-500	6	9
6 x 5	EP2500 LNL-3300	6	9
6 x 5	MUX-8 LNL-8000	6	9
6 x 8	EP1502 LNL-2220	6	9
6 x 8	MR52 LNL-1320	6	9
6 x 8	MR16in LNL-1100	6	9
6 x 8	MR16out LNL-1200	6	9
6 x 8	– LNL-2000	6	9

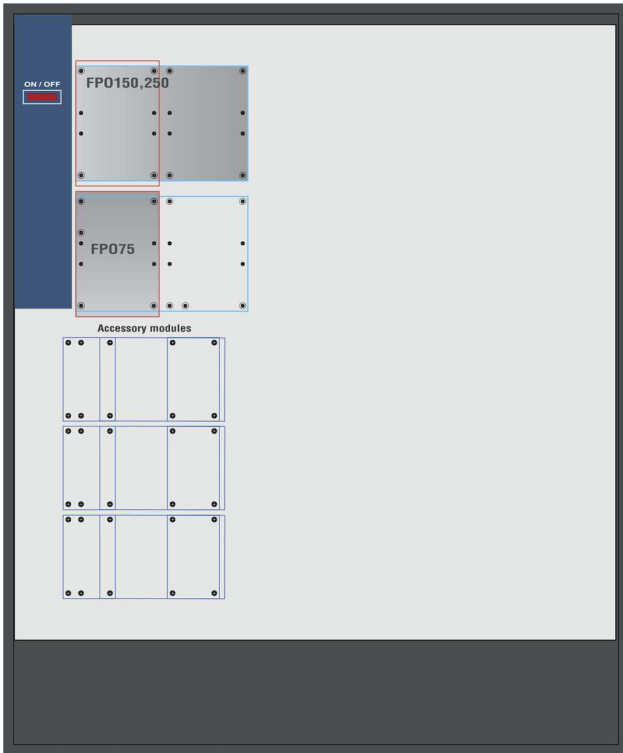


MAX ACCESS ACCOMMODATION

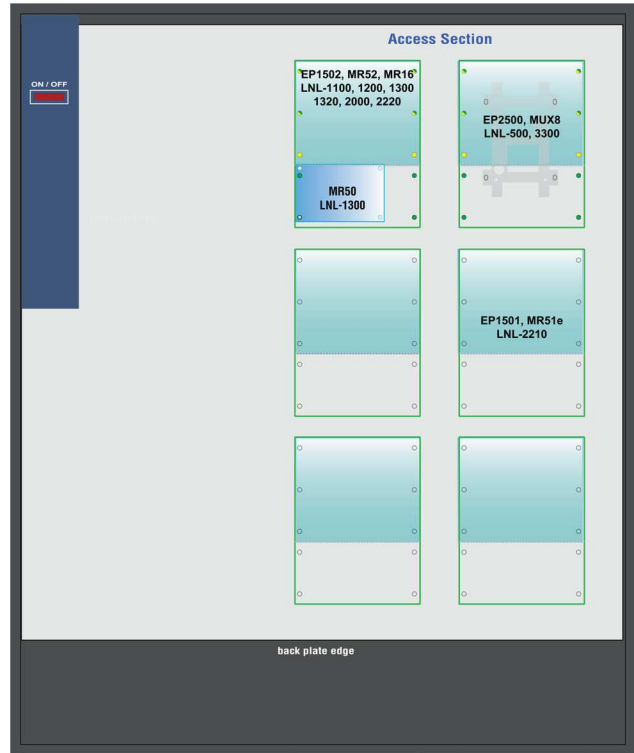
-  (6) slots 6 x 8 board size
-  (6) slots 6 x 5 board size
-  (1) slots 5.5 x 3.6 (bracket)
-  (1) slot 4.25 x 2.75 board size

BACKPLATE MOUNTING PATTERNS

Hole pattern for FlexPower power modules

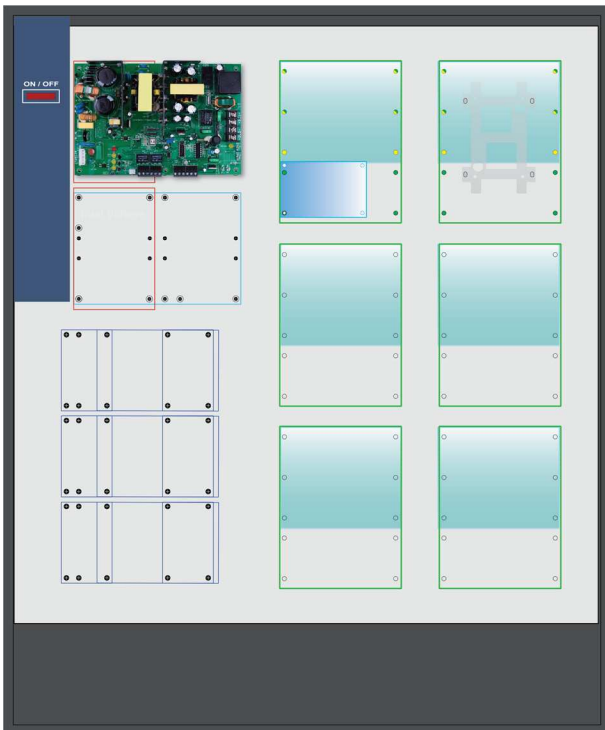


Stud pattern for Mercury panels

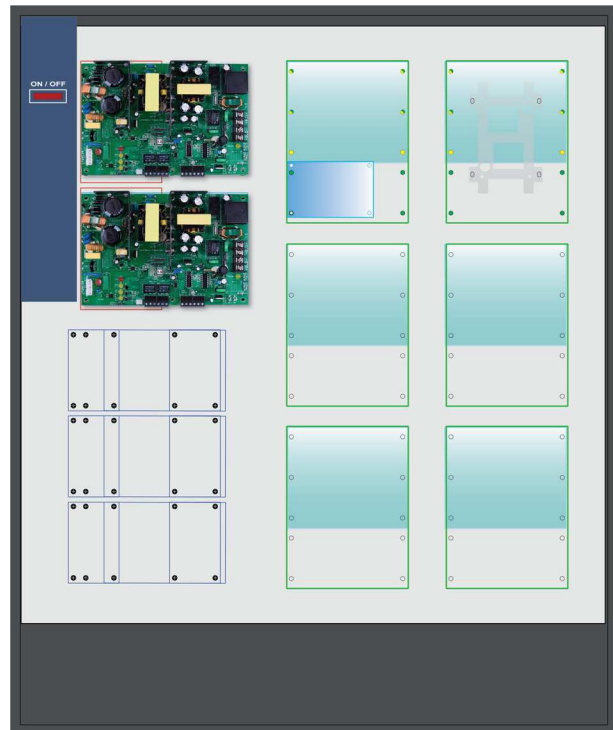


TYPICAL SYSTEM CONFIGURATIONS

Single voltage power supply

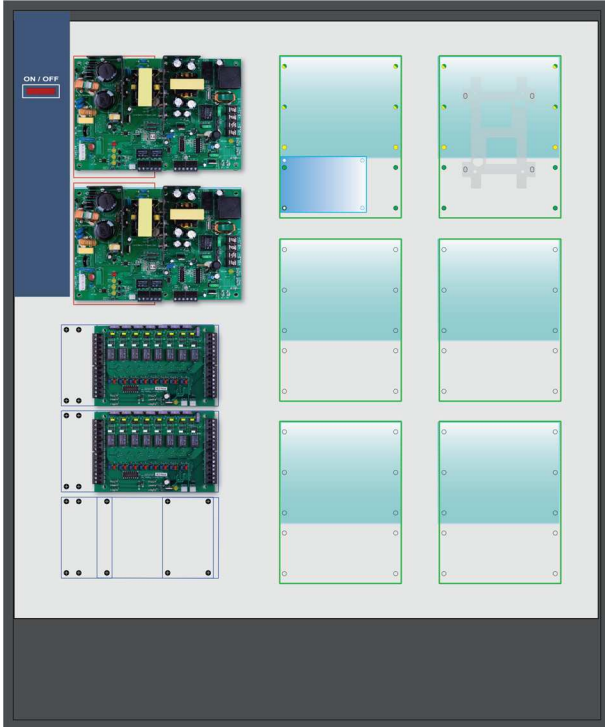


Independent 12 and 24VDC power

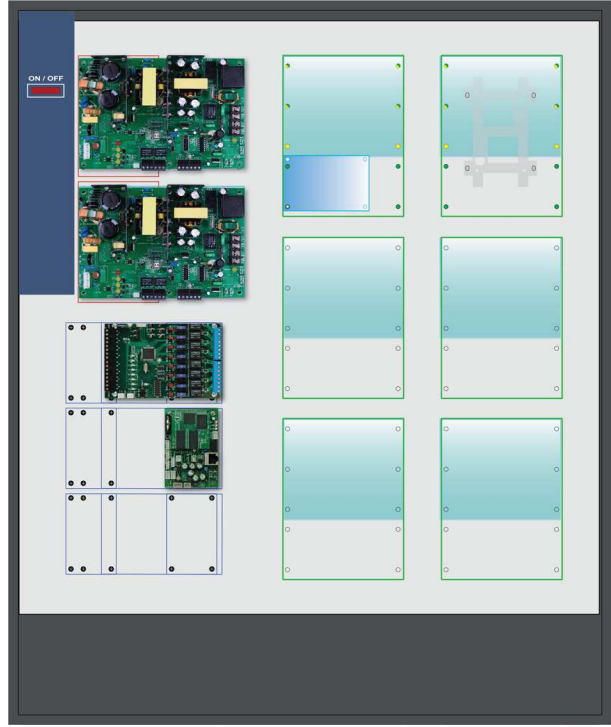


TYPICAL SYSTEM CONFIGURATIONS

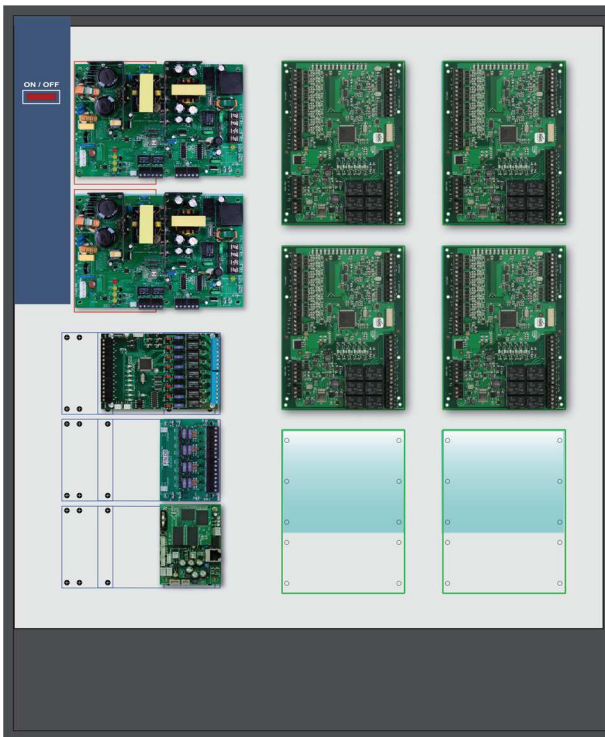
C8 lock board protects Mercury panels



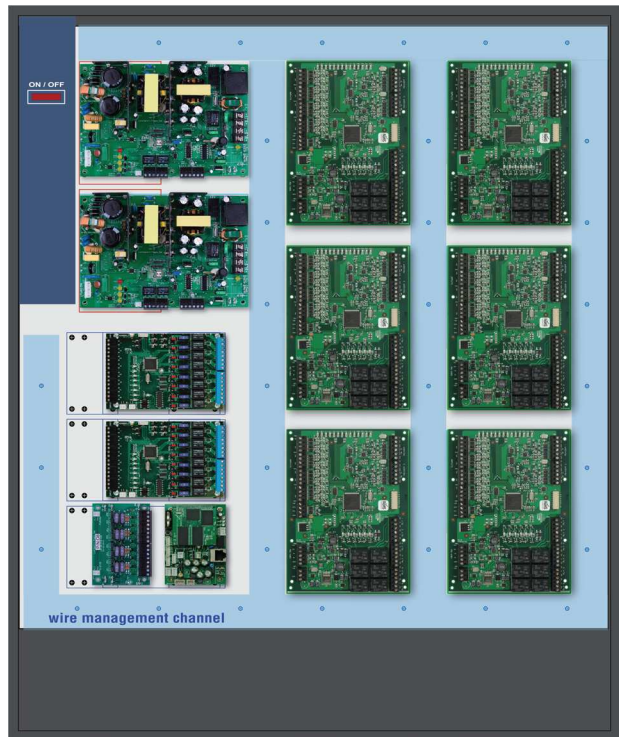
M8 managed lock board for protection AND remote monitoring



8 Door with 8 remote management and 8 auxiliary outputs



12 Door with example of available wire management room



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