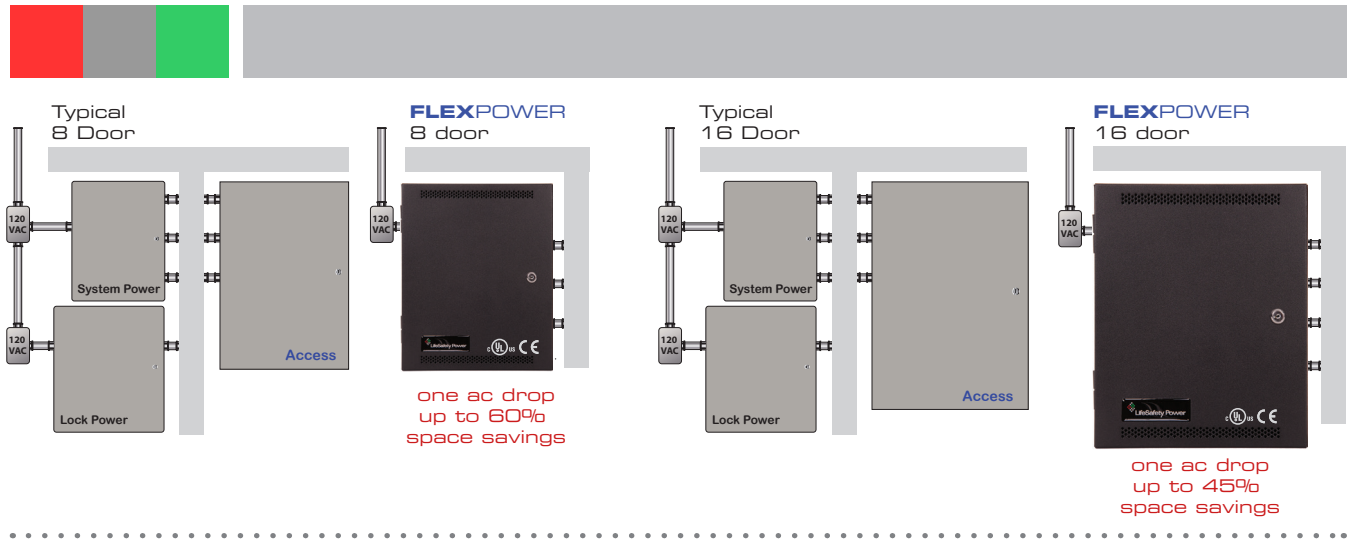


MCLASS™ Mercury Security Unified Power Systems

optimize install efficiency, space utilization and servicing



- **Installation and service efficiencies**
 One AC drop reduces installation costs
 Removable back plate simplifies wiring
 minimize installation time and labor costs
 Deep enclosures accommodates large battery sets
- **Preinstalled power section saves installation time**
 120 or 230VAC input with safe AC disconnect
 circuit breaker switch
- **Custom mounting access backplate**
 Enclosure options support four, eight, or sixteen
 door counts with dual voltage and remote networking

LSP OutSmart™ Technology

Dual color output LEDs verify voltage throughout system



Network management option

Enables remote servicing
 Live monitoring of system parameters
 Initiate remote battery load tests or
 remote power cycle connected devices



MCLASS systems are joint LSP/Mercury UL/ULC listed
 for flexible mix and match configurations in any enclosure

LSP FLEXPOWER[®] Mercury Enclosures

2 Door



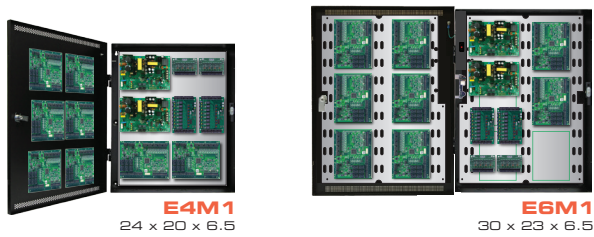
4 Door



8 Door



16 Door

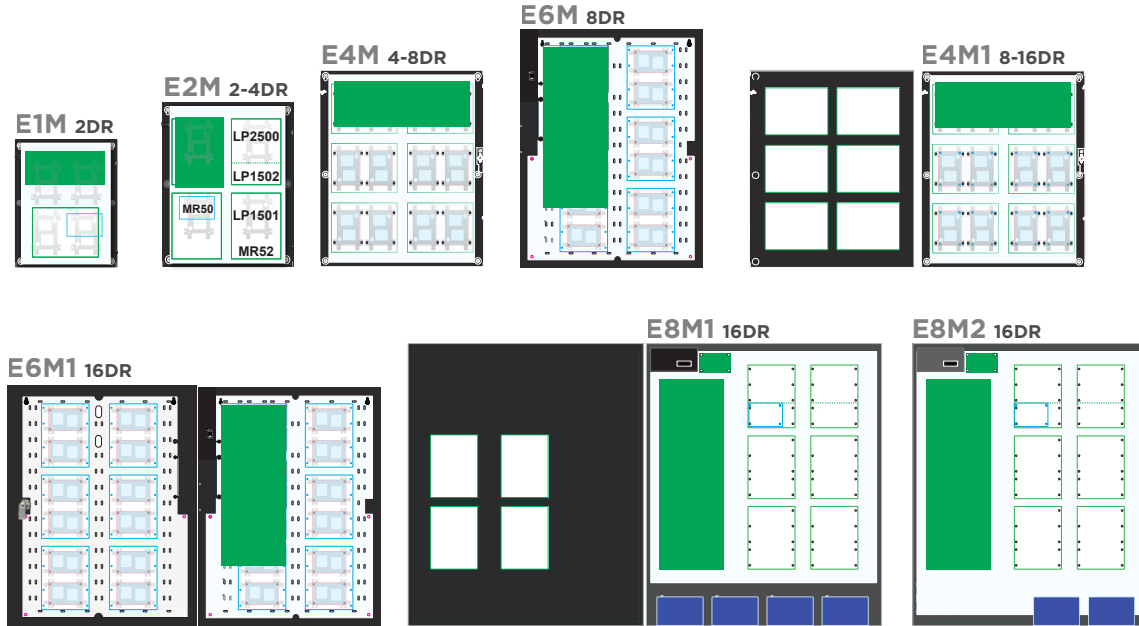


16 Door

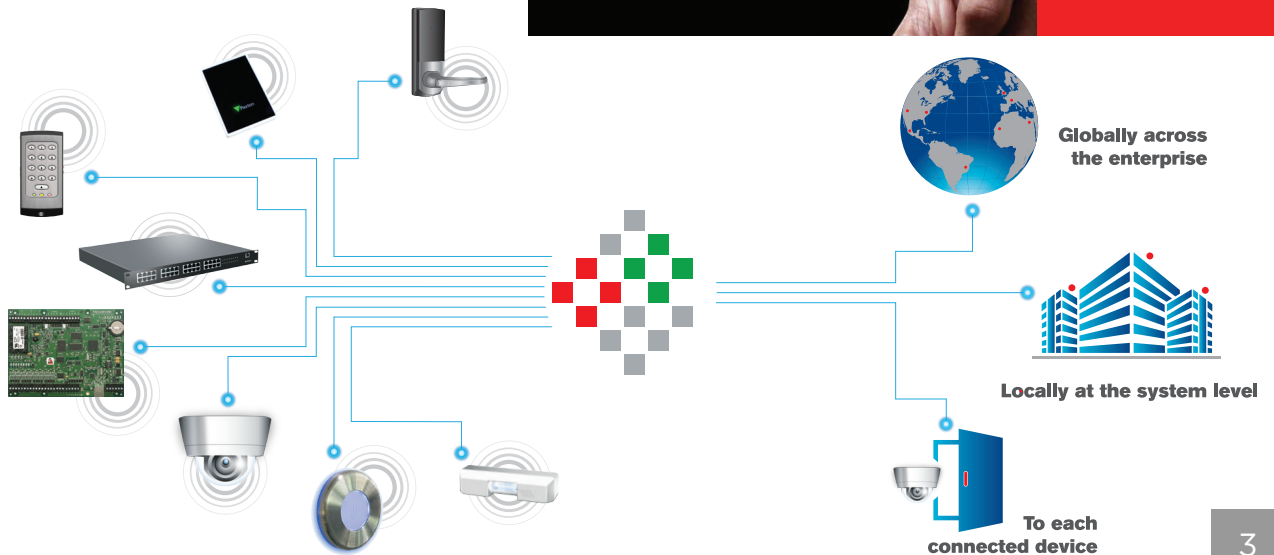


Dual voltage examples

MCLASS Enclosure Mercury Mounting Guide



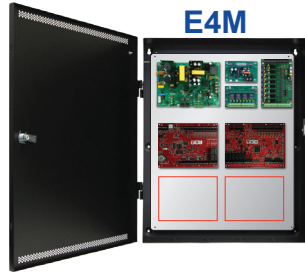
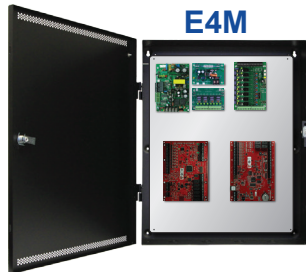
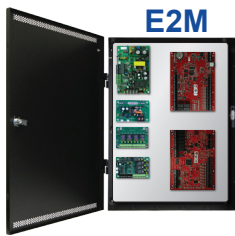
Managed Power - the heart of a healthy access system



Mercury Two and Four Door Configurations



2 Door	Power	Standard Model Number	Network Model Number	Enclosure	Size H x W x D
Single V	6A 12V (3A 24V)	FPO75-D8PE1M	FPO75-D8PNL2E1M	E1M	14 X 12 X 4.5
Single V	6A 12V (3A 24V)	FPO75-D8PE2M 4DR expandable	FPO75-D8PNL2E2M 4DR expandable	E2M	20 X 16 X 4.5
Dual V	2A 12V and 2A 24V	FPO75-B100C4PE2M 4DR expandable	FPO75-B100C4PNL2E2M 4DR expandable	E2M	20 X 16 X 4.5

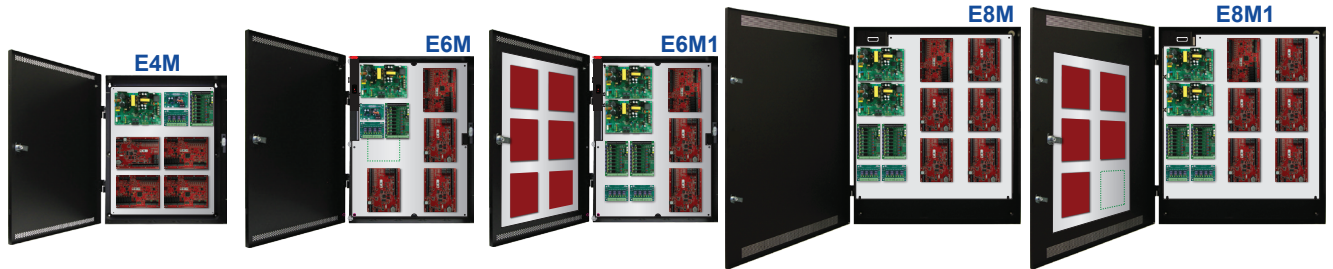


4 Door	Power	Standard Model Number	Network Model Number	Enclosure	Size H x W x D
Single V	6A 12V (3A 24V)	FPO75-D8PE2M	FPO75-D8PNL2E2M	E2M	20 X 16 X 4.5
Single V	6A 12V (3A 24V)	FPO75-D8PE4M wire mgmt	FPO75-D8PNL2E4M wire mgmt	E4M	24 X 20 X 6.5
Single V	6A 12V (3A 24V)	FPO75-D8PE4M 8DR expandable	FPO75-D8PNL2E4M 8DR expandable	E4M	24 X 20 X 6.5
Dual V	2A 12V and 2A 24V	FPO75-B100C4D8PE2M	FPO75-B100M8PNL4E2M	E2M	20 X 16 X 4.5
Dual V	2A 12V and 2A 24V	FPO75-B100C4D8PE4M wire mgmt	FPO75-B100M8PNL4E4M wire mgmt	E4M	24 X 20 X 6.5
Dual V	4A 12V and 4A 24V	FPO150-B100C8D8PE4M 8DR expandable	FPO150-B100D8PM8NL4E4M 8DR expandable	E4M	24 X 20 X 6.5

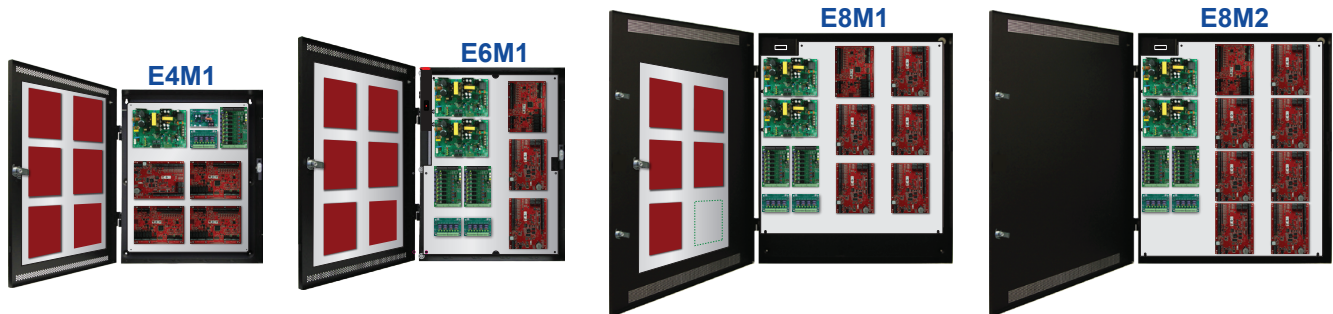
RACKMOUNT	Power	Standard Model Number	Network Model Number	Enclosure	Size H x W x D
4DR Single V	6A 12V (3A 24V)	RGM75-D8P 8 auxiliary outputs	RGM75-D8PN 8 auxiliary outputs	R2U	3.5 X 19 X 21
4DR Dual V	2A 12V and 2A 24V	RGM75B-C4P 4 control outputs	RGM75B-C4PN 8 control outputs	R2U	3.5 X 19 X 21
4DR Dual V	2A 12V and 2A 24V		RGM75B-M8PN 8 managed outputs	R2U	3.5 X 19 X 21

Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

Mercury Eight and Sixteen Door Configurations



8 Door	Power	Standard Model Number	Network Model Number	Enclosure	Size H x W x D
Single V	6A 12V (3A 24V)	FPO75-D8PE4M	FPO75-D8PNL2E4M	E4M	24 X 20 X 6.5
Single V	12A 12V (6A 24V)	FPO150-D8PE4M1 16DR expandable	FPO150-D8PNL2E4M1 16DR expandable	E4M1	24 X 20 X 6.5
Single V	12A 12V (6A 24V)	FPO150-D8PE6M1 16DR expandable	FPO150-D8PNL2E6M1 16DR expandable	E6M1	30 X 23 X 6.5
Single V	12A 12V (6A 24V)	FPO150-D8PE8M 12DR expandable	FPO150-D8PNL2E8M 12DR expandable	E8M	36 X 30 X 6.5
Dual V	4A 12V and 4A 24V	FPO150-B100C8D8PE4M	FPO150-B100D8PM8NL4E4M	E4M	24 X 20 X 6.5
Dual V	12A 12V and 10A 24V	FPO150/250-2C82D8PE4M1 16DR expandable	FPO150/250-2D8P2M8NL4E4M1 16DR expandable	E4M1	24 X 20 X 6.5
Dual V	12A 12V and 10A 24V	FPO150/250-2C82D8PE6M1 16DR expandable	FPO150/250-2D8P2M8NL4E6M1 16DR expandable	E6M1	30 X 23 X 6.5
Dual V	12A 12V and 10A 24V	FPO150/250-2C82D8PE8M1 16DR expandable	FPO150/250-2D8P2M8NL4E8M1 16DR expandable	E8M1	36 X 30 X 6.5



16 Door	Power	Standard Model Number	Network Model Number	Enclosure	Size H x W x D
Single V	12A 12V (6A 24V)	FPO150-2D8PE4M1	FPO150-2D8PNL2E4M1	E4M1	24 X 20 X 6.5
Single V	12A 12V (6A 24V)	FPO150-2D8PE6M1	FPO150-2D8PNL2E6M1	E6M1	30 X 23 X 6.5
Single V	12A 12V (6A 24V)	FPO150-2D8PE8M1	FPO150-2D8PNL2E8M1	E8M1	36 X 30 X 6.5
Single V	12A 12V (6A 24V)	FPO150-2D8PE8M2	FPO150-2D8PNL2E8M2	E8M2	36 X 30 X 6.5
Dual V	12A 12V and 10A 24V	FPO150/250-2C82D8PE4M1	FPO150/250-2D8P2M8NL4E4M1	E4M1	24 X 20 X 6.5
Dual V	12A 12V and 10A 24V	FPO150/250-2C82D8PE6M1	FPO150/250-2D8P2M8NL4E6M1	E6M1	30 X 23 X 6.5
Dual V	12A 12V and 10A 24V	FPO150/250-2C82D8PE8M1	FPO150/250-2D8P2M8NL4E8M1	E8M1	36 X 30 X 6.5
Dual V	12A 12V and 10A 24V	FPO150/250-2C82D8PE8M2	FPO150/250-2D8P2M8NL4E8M2	E8M2	36 X 30 X 6.5

Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

Unified Power™ Model Number Builder



FPO POWER SUPPLY

75	6A/12VDC or 3A/24VDC
150	12A/12VDC or 6A/24VDC
250	20A/12VDC or 10A/24VDC

ACCESSORY OPTIONS

B100	Secondary voltage, 5-18VDC @ 4A
C4	Lock control distribution, 4 out
C8	Lock control distribution, 8 out
D8	Auxiliary distribution, 8 out
F8	FAI distribution, 8 out
M8	Managed distribution, 8 out (needs NL4)
NL2	Two port network module
NL4	Four port network module

ENCLOSURE

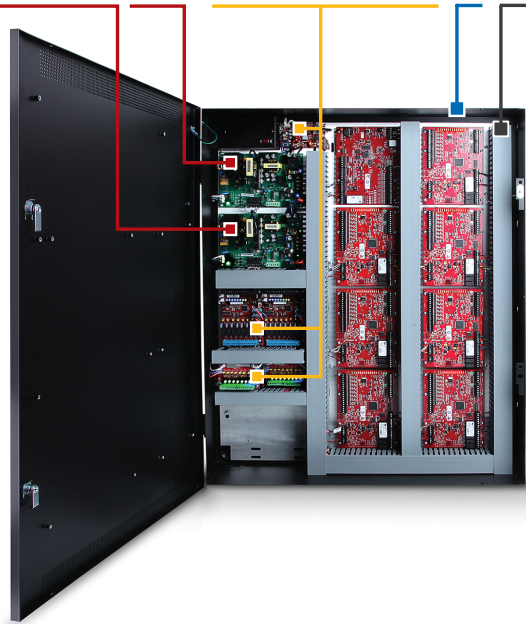
E5M	8.5H" x 11W" x 3.0D"
E1M	14H" x 12W" x 4.5D"
E2M	20H" x 16W" x 4.5D"
E4M	24H" x 20W" x 6.5D"
E6M	30H" x 23W" x 6.5D"
E8M	36H" x 30W" x 6.5D"
E8M2	36H" x 30W" x 6.5D"

DOOR OPTION

E4M1
E6M1
E8M1
E8M3

For Class 2 power limited add "P" to pn:
 C4P, C8P, D8P, F8P, M8P

FPO150/250 - 3D8P 2M8 NL4 E8 M2



PART NUMBER KEY

Desired FPO power supply is inserted into the model number as "FPOxxx"

Multiple supplies are entered with a slash between variants i.e. FPO75/150

Multiples of the same accessory module are preceded by the quantity:

D8 = one D8 module for 8 outputs

3D8 = three D8 modules for 24 outputs

EXAMPLE

FPO150/250 - 3D8P 2M8 NL4 E8M2

FPO150 - 150W power supply

FPO250 - 250W power supply

3 (three) D8P modules for 24 auxiliary outputs

2 (two) M8 modules for 16 managed outputs

4 port network module (NL4)

E8M2 - 36x30 enclosure with Mercury Backplate

ProWire[™] now available - Pre-wired Mercury systems

LSP PROWIRE[™] PRE-WIRED MERCURY SYSTEMS

ProWire[™] guarantee of standardized installations, worldwide

Dedicated 12V system and auxiliary power individually protected

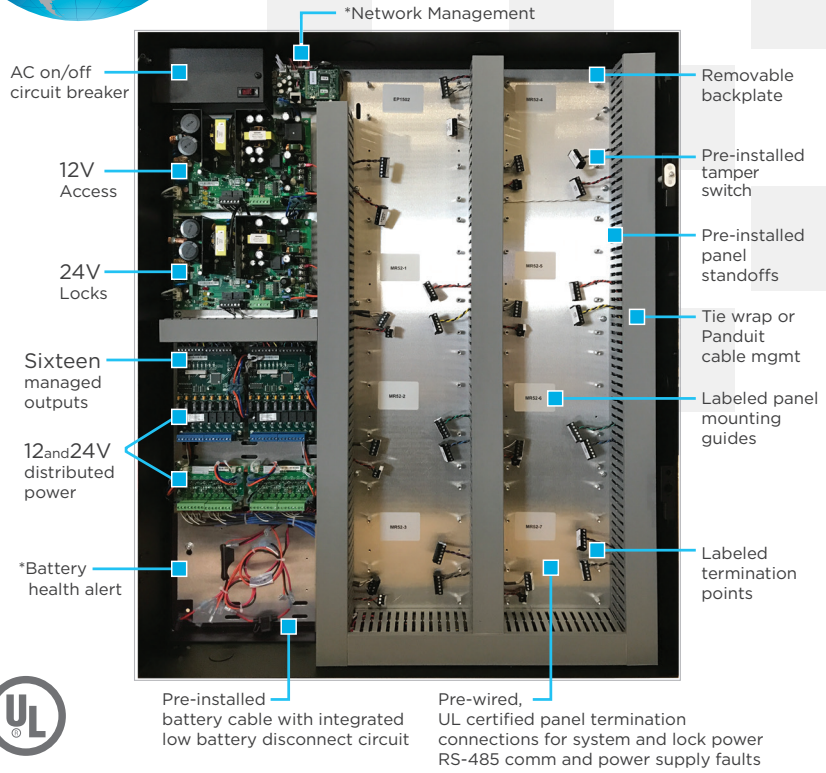
Dedicated 24V lock power available for mags and strikes

Color coded terminal harnesses for easy plug/play panel assembly

Battery Disconnect module prevents deep discharge on AC loss

Enhanced UL/CUL certification with Mercury & SWH panels

LSP Partners with leading access mfrs worldwide



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- point to point wiring
- system level Autocads
- enclosure level REVIT



Data sheets

Wiring Guide



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