

**INTEGRATED
 ACCESS**

FlexPower Unified Power[®]

integrated access power systems



The Power of ONE

FlexPower[®] Unified Power[™] Solutions are award-winning power management systems that bring access hardware, system power, lock power and optional network management modules together in a single, optimized wall enclosure.

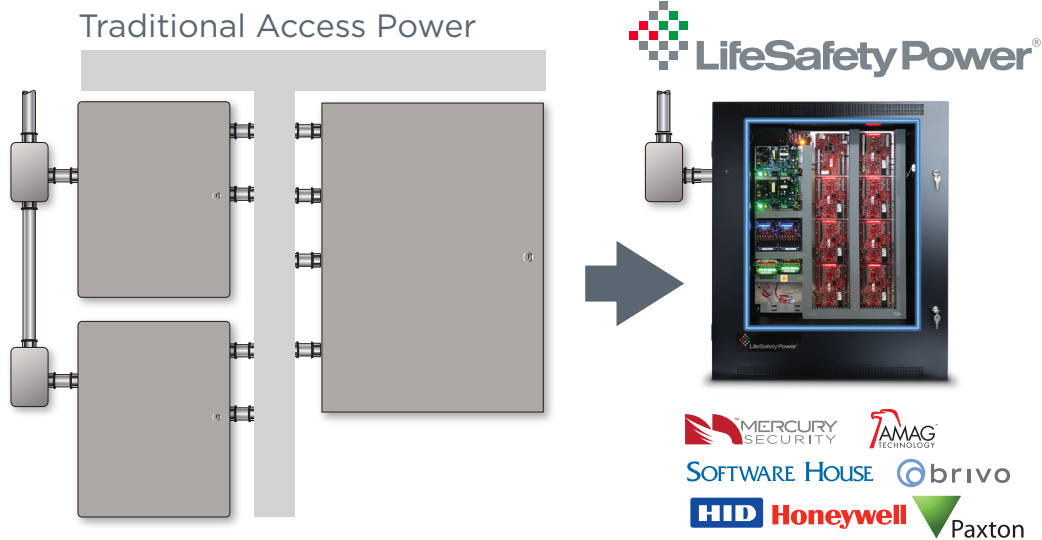
FlexPower Unified Power systems integrate directly to the controller products of leading access manufacturers, offering substantial savings in installation time and labor.

Pre-engineered - FlexPower products are designed in partnership with industry leading access manufacturers including Mercury Security, AMAG, Software House, HID, Honeywell, Brivo and Paxton.

Seamless design - All units feature the mechanical integration of lock and system power, alongside access panel hardware into a single, UL-listed, access power management system.

Labor savings - A single enclosure with one AC drop, removable back plate and a flexible mix-and-match mounting pattern significantly reduces field installation times and errors.

Innovative architecture - The system's unique dual-buss structure distributes 12 and 24VDC to all accessory modules with bi-color LED voltage indicators, so system and lock power are always available on a user-select basis.



Unified Power UL294 | UL603 | UL1076
Regulatory ULC S318 | ULC S319 | CSA 22.2 #205
Compliance CSFM | CE

DOORS	STANDARD PN	MANAGED PN	12VDC	24VDC	ENCL H x W x D	POWER AND PANEL MOUNTING
MERCURY						
2	FPO75-B100C4E2M	FPO75-B100M8NL4E2M	2A	2A	20 x 16 x 4.5	System power, lock power / one Mercury
4	FPO75-B100C4D8E4M	FPO75-B100M8NL4E4M	2A	2A	24 x 20 x 6.5	System power, lock power / three Mercury
8	FPO150-B100C8D8E4M	FPO150-B100D8M8NL4E4M	4A	4A	24 x 20 x 6.5	System power, lock power / four Mercury
8	FPO150-B100C8D8E6M	FPO150-B100D8M8NL4E6M	4A	4A	30 x 23 x 6.5	System power, lock power / four Mercury
16	FPO150/250-2C82D8E6M1	FPO150/250-2D82M8NL4E6M1	12A	10A	30 x 23 x 6.5	System power, lock power / eight Mercury
16	FPO150/250-2C82D8E8M1	FPO150/250-2D82M8NL4E8M1	12A	10A	36 x 30 x 6.5	System power, lock power / eight Mercury
16	FPO150/250-2C82D8E8M2	FPO150/250-2D82M8NL4E8M2	12A	10A	36 x 30 x 6.5	System power, lock power / eight Mercury
SOFTWARE HOUSE						
4	FPO75-B100C4D8E4S	FPO75-B100M8NL4E4S	2A	2A	24 x 20 x 6.5	System power, lock power / GCM, ACM
8	FPO75/150-C8D8E4S	FPO75/150-D8M8NL4E4S	6A	6A	24 x 20 x 6.5	System power, lock power / GCM, ACM
8	FPO75/150-C8D8E6S	FPO75/150-D8M8NL4E6S	6A	6A	30 x 23 x 6.5	System power, lock power / GCM, ACM
16	FPO150/250-2D8E6S	FPO150/250-2D82M8NL4E6S1	12A	10A	30 x 23 x 6.5	System power, lock power / GCM, two ACM
16	FPO150/250-2C82D8E8S	FPO150/250-2D82M8NL4E8S	12A	10A	36 x 30 x 6.5	System power, lock power / GCM, two ACM
HONEYWELL						
4	FPO75-B100C4D8E4H	FPO75-B100M8NL4E4H	2A	2A	24 x 20 x 6.5	System power, lock power / three Prowatch
8	FPO150-B100C8D8E8H	FPO150-B100D8M8NL4E8H	4A	4A	36 x 30 x 6.5	System power, lock power / six Prowatch
16	FPO150/250-2C82D8E8H1	FPO150/250-2D82M8NL4E8H1	12A	10A	36 x 30 x 6.5	System power, lock power / ten Prowatch
AMAG						
4	FPO75-B100C4D8E4A	FPO75-B100M8NL4E4A	2A	2A	24 x 20 x 6.5	System power, lock power / one 4DBC
8	FPO150-B100C8D8E4A	FPO150-B100D8M8NL4E4A	4A	4A	24 x 20 x 6.5	System power, lock power / one 8DBC
8	FPO150-B100C8D8E6A	FPO150-B100D8M8NL4E6A	4A	4A	30 x 23 x 6.5	System power, lock power / one 8DBC, 4DC
16	FPO150/250-2C82D8E8A	FPO150/250-2D82M8NL4E8A	12A	10A	36 x 30 x 6.5	System power, lock power / two 8DBC

System part number can be modified to change output protection
 Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P

UNIFIED POWER ENCLOSURES

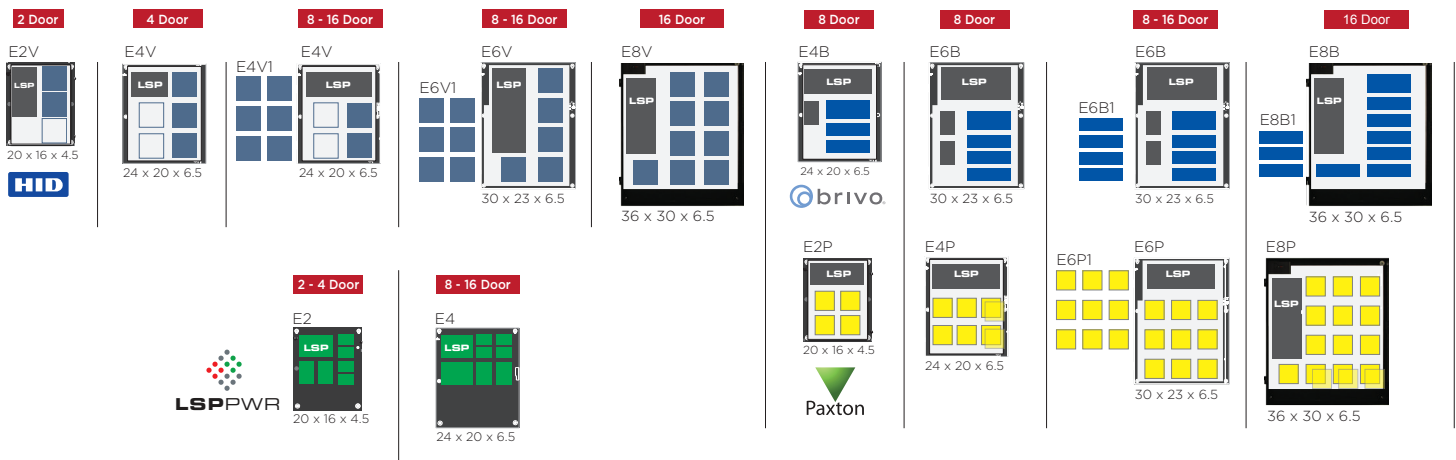
The diagram illustrates the layout of power outputs for different Unified Power Enclosures. Each enclosure is shown with its door count, model number, and dimensions. The enclosures are color-coded: Mercury (green), Software House (blue), Honeywell (orange), and AMAG (yellow).

- Mercury:**
 - E2M: 2 Door, 20 x 16 x 4.5
 - E4M: 4 Door, 24 x 20 x 6.5
 - E4M1: 8 - 16 Door, 24 x 20 x 6.5
 - E6M1: 8 - 16 Door, 30 x 23 x 6.5
 - E6M: 8 - 16 Door, 30 x 23 x 6.5
 - E8M1: 16 Door, 36 x 30 x 6.5
 - E8M / E8M2: 16 Door, 36 x 30 x 6.5
 - E4H: 4 Door, 24 x 20 x 6.5
 - E8H: 8 - 16 Door, 36 x 30 x 6.5
 - E8H1: 8 - 16 Door, 36 x 30 x 6.5
- Software House (SWH):**
 - E4S: 4 - 8 Door, 24 x 20 x 6.5
 - E6S: 8 - 16 Door, 30 x 23 x 6.5
 - E8S: 8 - 16 Door, 36 x 30 x 6.5
- Honeywell:**
 - E4A: 4 - 8 Door, 24 x 20 x 6.5
 - E6A: 8 - 16 Door, 30 x 23 x 6.5
 - E8A: 8 - 16 Door, 36 x 30 x 6.5
- AMAG Technology:**
 - E4A: 4 - 8 Door, 24 x 20 x 6.5
 - E6A: 8 - 16 Door, 30 x 23 x 6.5
 - E8A: 8 - 16 Door, 36 x 30 x 6.5

DOORS	STANDARD PN	MANAGED PN	12VDC	24VDC	ENCL H x W x D	POWER AND PANEL MOUNTING
HID						
2	FPO75-B100C4E2V	FPO75-B100M8NL4E2V	2A	2A	20 x 16 x 4.5	System power, lock power / two Vertx
4	FPO75-B100C4D8E4V	FPO75-B100M8NL4E4V	2A	2A	24 x 20 x 6.5	System power, lock power / three Vertx
8	FPO150-B100C8D8E4V1	FPO150-B100D8M8NL4E4V1	4A	4A	24 x 20 x 6.5	System power, lock power / six Vertx
8	FPO150-B100C8D8E6V	FPO150-B100D8M8NL4E6V	4A	4A	30 x 23 x 6.5	System power, lock power / nine Vertx
16	FPO150/250-2C82D8E6V1	FPO150/250-2D82M8NL4E6V1	12A	10A	30 x 23 x 6.5	System power, lock power / nine Vertx
16	FPO150/250-2C82D8E8V	FPO150/250-2D82M8NL4E8V	12A	10A	36 x 30 x 6.5	System power, lock power / nine Vertx
BRIVO						
4	FPO150-B100C8D8E4B	FPO150-B100D8M8NL4E4B	4A	4A	24 x 20 x 6.5	System power, lock power / three Brivo
8	FPO150-B100C8D8E6B	FPO150-B100D8M8NL4E6B	4A	4A	30 x 23 x 6.5	System power, lock power / four Brivo
8	FPO150-B100C8D8E8B	FPO150-B100D8M8NL4E8B	4A	4A	36 x 30 x 6.5	System power, lock power / seven Brivo
16	FPO150/250-2C82D8E6B1	FPO150/250-2D82M8NL4E6B1	12A	10A	30 x 23 x 6.5	System power, lock power / eight Brivo
16	FPO150/250-2C82D8E8B1	FPO150/250-2D82M8NL4E8B1	12A	10A	36 x 30 x 6.5	System power, lock power / ten Brivo
PAXTON						
4	FPO75-B100D8E2P	FPO75-B100M8NL4E4P	2A	2A	24 x 20 x 6.5	System power, lock power / four NET2, BLU
8	FPO150-B1002D8E4P	FPO150-B100D8M8NL4E4P	4A	4A	24 x 20 x 6.5	System power, lock power / eight NET2, BLU
8	FPO150-B1002D8E6P	FPO150-B100D8M8NL4E6P	4A	4A	30 x 23 x 6.5	System power, lock power / eight NET2, BLU
16	FPO150/250-4D8E6P1	FPO150/250-2D82M8NL4E6P1	12A	10A	30 x 23 x 6.5	System power, lock power / sixteen NET2, BLU
16	FPO150/250-4D8E8P	FPO150/250-2D82M8NL4E8P	12A	10A	36 x 30 x 6.5	System power, lock power / sixteen NET2, BLU
LSP POWER FOR ACCESS ENCLOSURES						
4	FPO75-B100C4D8E2	FPO75-B100M8NL4E2	2A	2A	20 x 16 x 4.5	System power, lock power - no panels
8	FPO150-B100C8D8E2	FPO150-B100D8M8NL4E2	4A	4A	20 x 16 x 4.5	System power, lock power - no panels
16	FPO150/250-2C82D8E4	FPO150/250-2D82M8NL4E4	12A	10A	24 x 20 x 6.5	System power, lock power - no panels

System part number can be modified to change output protection
 Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P

UNIFIED POWER ENCLOSURES



MODEL NUMBER DECODER

FPO XXX / XXX

XX XX XX

XX

XX

POWER SUPPLY

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

single voltage **FPO150**
 dual voltage **FPO75/150**

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

C4P, C8P, D8P, F8P, M8P (for class II power ltd version)
3D8 2M8P 2B100 (for multiple modules in system)

ENCLOSURE

E5 8.5H" x 11W" x 3.0D"
E1 14H" x 12W" x 4.5D"
E2 20H" x 16W" x 4.5D"
E4 24H" x 20W" x 6.5D"
E6 30H" x 23W" x 6.5D"
E8 36H" x 30W" x 6.5D"

ACCESS B-PLATE

A AMAG
B BRIVO
H HONEYWELL
M MERCURY
P PAXTON
S SOFTWARE HOUSE
V1 HID VERTX

PANEL DOOR MOUNT
 (on select access systems)



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

2D8 = two D8 modules for 16 outputs

EXAMPLE

FPO150/250 - 3D8P 2M8 NL4 E8M3

FPO150 - first power supply (typically 12V)

FPO250 - second power supply (typically 24V)

3 (three) D8P modules for 24 auxiliary outputs

2 (two) M8 modules for 16 managed outputs

4 port network module (NL4)

E8M3 - 36x30 enclosure with Mercury b/p and door mount option

FLEXPOWER's unique mix and match modularity creates many listed combinations - contact us with your requirements

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