

FLEXPOWER[®]
 MODULARITY GUIDE



FPO XXX / XXX	BCDFMNS	EXX	XX	P16-A	/E
POWER SUPPLIES	ACCESSORY OPTIONS	ENCLOSURE	BACKPLATE	PROWIRE[®] FACTORY WIRING SERVICE	
UL Series 120 or 230 VAC FPO75 75W 6A/12VDC or 3A/24VDC FPO150 150W 12A/12VDC or 6A/24VDC FPO250 250W 20A/12VDC or 10A/24VDC <small>single voltage FPO150 dual voltage FPO150/250</small> International Series 85-265 VAC FPG50 50W 2A/12VDC or 2A/24VDC FPG100 100W 8A/12VDC or 4A/24VDC FPG200 200W 8A/24VDC	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 lock control, 8 out (requires NL) NL4 Four port network module NLX Eight port network module w/ RS485 SD4 Managed auxiliary, 4 out (requires NL) SD16 Managed auxiliary, 16 out (requires NL)	E5 8.5H" x 11W" x 3D" 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" E12 48H" x 36W" x 8.0D"	A AMAG S SWH B BRIVO SP SIEMENS G GALLAGHER V HID AERO H HONEYWELL X AXIS M MERCURY Z ZKTECO P PAXTON <small>"I" after letter for door mount (select backplates only)</small>	PW SUFFIX DESCRIBES CABLE MGMT P panduit T tie wrap DOOR COUNT 4, 8, 16, 24 PANEL WIRING* A, B, C, D <small>(for 230VAC)</small> <small>*refer to product datasheet for detailed panel options</small>	



LifeSafety Power FlexPower part numbers are modular and describe the components within each system.

The part number consists of two sections separated by a hyphen. The first three characters call out the power supply product BRAND, FPO for FlexPower Offline, FPG for FlexPower Global. The number portion of the part number before the hyphen represents the power supply model within the BRAND family. For example, FPO75 denotes an FPO75 in the system. Multiple power supplies can be installed in one enclosure which is denoted in the model number by a “/” forward slash. Power supply sizes are always listed from smallest to largest. For example, a FPO250 and FPO75 would be listed in the model number as “FPO75/250”.

The portion of the model number after the “-” hyphen denotes any accessory boards included in the system and details regarding enclosure assembly. After the hyphen “-” each accessory board is listed with the quantity before it. A quantity of one has no prefix. For example, a single D8 board would be in the model number simply as “D8”. If the system has two D8 boards, it will be listed in the model number as “2D8”. Accessory boards are always listed sequentially in the part number in alphabetical order, i.e B100C8D8F8M8NL4.

After the accessory modules, the enclosure type is listed. E4 for an E4 24 x 20” enclosure. The letter or letter/number combination after the enclosure type denotes the style of optional access control backplate that could be put into the enclosure.

At the end of a FPO series model number a “/E” denotes a system with factory set 230VAC input. *Example FPO150-C82D8PE4/E.* If /E is not present, then the system is 120VAC input by default, but may be set to 230VAC by cutting a jumper.

FPG power supplies utilize a universal AC input and operate from 100-240VAC at 50 or 60Hz without the need to cut a jumper or indicate the AC input in the model number.

PROWIRE[®]
 FACTORY WIRING SERVICE

FPO XXX / XXX

POWER SUPPLIES

UL Series 120 or 230 VAC	
FPO75	75W 6A/12VDC or 3A/24VDC
FPO150	150W 12A/12VDC or 6A/24VDC
FPO250	250W 20A/12VDC or 10A/24VDC
<small>single voltage FPO150 dual voltage FPO150/250</small>	
International Series 85-265 VAC	
FPG50	50W 2A/12VDC or 2A/24VDC
FPG100	100W 8A/12VDC or 4A/24VDC
FPG200	200W 8A/24VDC

BCDFMNS

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 lock control, 8 out (requires NL)
NL4	Four port network module
NLX	Eight port network module w/ RS485
SD4	Managed auxiliary, 4 out (requires NL)
SD16	Managed auxiliary, 16 out (requires NL)

EXX

ENCLOSURE

E5	8.5H" x 11W" x 3D"
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"
E12	48H" x 36W" x 8.0D"

XX

BACKPLATE

A AMAG	S SWH
B BRIVO	SP SIEMENS
G GALLAGHER	V HID AERO
H HONEYWELL	X AXIS
M MERCURY	Z ZKTECO
P PAXTON	

"I" after letter for door mount
(select backplates only)

P16-A /E

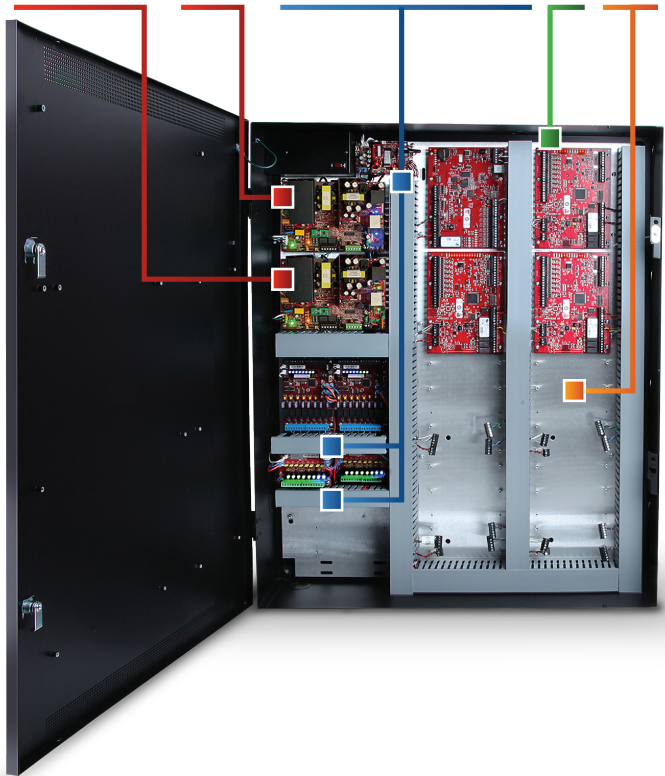
PW SUFFIX DESCRIBES

CABLE MGMT
P Panduit
T tie wrap
DOOR COUNT
4, 8, 16, 24
PANEL WIRING*
A, B, C, D

*refer to product datasheet
for detailed panel options

For class II power limited add "P" to pn: **C4P, C8P, D8P, F8P, M8P, SD4P**
 Note: SD16 is class II power limited and does not require a "P" in pn
 Add number for multiple modules in system **3D8 2M8P 2B100**

FPO150 / 250 - 3D8P 2M8 NL4 E8 M2 / P16-A



PROWIRE STYLE*

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 E8M2/P16-A

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
 NL4 Network module
 E8M2 - E8 (36 x 30 enclosure) with Mercury backplate

*ProWire Style:
 P - Panduit
 16 - door count
 A - wired for Mercury 1502/MR52



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

Regulatory Compliance UL294 / UL603 / ULC S318 / ULC S319
 IEC 62368-1:2014 / EN 55032:2015 / EN6100-3-2:2014
 CE / NOM / BIS / RCM-SAA