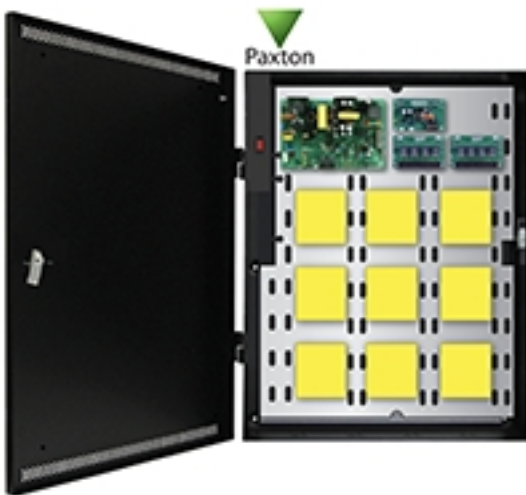


PCLASS

Integrated Paxton Access Power

All-in-one multi-door power solutions for Paxton Net2 and BLU controllers. Single and Dual Voltage, Standard and Networked.

[PCLASS Product Guide](#)



{jatabs type="content" position="top" width="650" heightTabs="30" height="1500" moustype="click" animType="animMoveHor" skipAnim="false" duration=1000 } [tab title="Products"]

Standard Power				
Doors	Single Voltage	Current/Voltage	Enclosure	
4	FPO75-D8E4P	6A/12V	24Hx20Wx6.5D	
8	FPO150-2D8E6P	12A/12V	30Hx23Wx6.5D	
16	FPO250-4D8E8P	20A/12V	36Hx30Wx6.5D	
Doors	Dual Voltage			
4	FPO75-B100D8E4P	2A/12V and 2A/24V	24Hx20Wx6.5D	

8	FPO150-B1002D8E6P	4A/12V and 4A/24V	30Hx23Wx6.5D
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16	FPO150/250-4D8E8P	12A/12V and 10A/24V	36Hx30Wx6.5D
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Managed Power	Single Voltage	6A/12V	24Hx20Wx6.5D
Doors			
4	FPO75-M8NL4E4P		

8	FPO150-D8M8NL4E6P	12A/12V	30Hx23Wx6.5D
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16	FPO250-2D82M8NL4E8P	20A/12V	36Hx30Wx6.5D
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Doors	Dual Voltage	2A/12V and 2A/24V	24Hx20Wx6.5D
4			
	FPO75-B100M8NL4E4P		

8	FPO150-B100D8M8NL4E6P	4A/12V and 4A/24V	30Hx23Wx6.5D
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8 managed	Up to nine (9) controllers	FPO150/250-2D82M8NL4E8P	12A/12V and 10A/24V	36Hx30Wx6.5D
16				

16 managed	Up to twelve (12) controllers
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Enclosures			
*	Doors		
Part Number	Size		
4	E2P	20Hx16Wx 4.5D	
6	E4P	24Hx20Wx6.5D	
9	E6P	30Hx23Wx6.5D	
14	E8P	36Hx30Wx6.5D	

*Count can increase with controller double stacking

Integrated Access & Power

- PCLASS all-in-one systems puts power and Paxton NET2 or BLU controllers in one secure locking enclosure
- One AC drop minimizes wall space, simplifies installation, reduces time & labor costs
- FlexPower™ modularity and PCLASS versatility create unlimited system configurations
- Network options for diagnostic monitoring and control of power, battery and connected devices

Labor Saving Enclosure Design

- Factory pre-wired power section saves configuration time
- Removable backplate simplifies controller wiring
- Large enclosure depth accomodates battery sets
- Multiple knockout areas along all four sides

System Refinements

- Fault detection and reporting to host power and over the network with optional NetLink module
- Large enclosures with room for increased power, added output distribution or remote monitoring
- Modular power and distribution boards with snap-in standoffs simplify service and field upgrades
- Cam lock set, tamper switch and backplate hardware to mount the access control panels is included

[/tab] [tab title="Overview"] **PRODUCT HIGHLITES**

PCLASS unified power systems offers maximum flexibility, functionality and savings to access system designers.

PCLASS enclosures are engineered to house FlexPower™ power management boards alongside Paxton Access ™ NET2

controllers in one compact, secure system.

To prevent damage to system electronics, the backplate separates from the enclosure for NET2 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

- Removable back plate simplifies job installation
- Engineered backplate pattern minimizes installation time
- Power boards mount on snap-in stand offs
- Access boards mount on supplied threaded metal standoffs

Mechanical Refinements

- Large enclosure depth to accommodate battery
- 19 Gauge steel with textured black finish
- Board mounting hardware provided
- Lock and tamper switch standard

Reliability and Safety

- Lifetime Warranty
- RoHS Compliant

Agency Listings

- UL 294 / UL 603
- UL 1076
- ULC S318, 319,
- FCC Part 15, Subpart B
- CSA C22.2 107.1
- CSA 22.2 #60950
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[Product Warranty](#)

[/tab] [tab title="Technical Documents"]

Standard Paxton Power			
Single Voltage	Datasheet	Install Manuals	CAD F

FPO75-D8E4P	DS	IM	CAD	AG
FPO250-2D8E6P	DS	IM	CAD	AG
FPO250-4D8E8P	DS	IM	CAD	AG

Dual Voltage				
FPO75-B100D8E4P	DS	IM	CAD	AG
FPO150-B1002D8E6P	DS	IM	CAD	AG
FPO150/250-4D8E8P	DS	IM	CAD	AG

Managed Paxton Power				
Single Voltage				
FPO75-D8NL2E4P	DS	IM	CAD	AG
FPO150-D8M8NL4E6P	DS	IM	CAD	AG
FPO250-2D82M8NL4E8P	DS	IM	CAD	AG

Dual Voltage				
FPO75-B100M8NL4E4P	DS	IM	CAD	AG
FPO150-B100D8M8NL4E6P	DS	IM	CAD	AG
FPO150/250-2D82M8NL4E8P	DS	IM	CAD	AG

Enclosures

E2P	DS	CAD
E4P	DS	CAD
E6P	DS	CAD
E8P	DS	CAD

[/tab] [tab title="Support"]

Troubleshooting Guide	Factory Contact	Business Contact
FPO Troubleshooting	Email Customer Service	Accounting Office
Accessory Troubleshooting	Email Technical Department	Area Sales

[Representatives](#)

[/tab] [tab title="Tools & Software"] **Tools & Software**

Excel spreadsheets designed by the LifeSafety Power technical department to aid the installer in required calculations and example configurations of LifeSafety Power equipment when used in commonly found system applications.

- Calculators / Software
- [B100 Power Calculator](#)
- [PowerCom-USB Download](#)
- [Ohms Law Calculator](#)

[Battery Size Calculator](#)
[Battery Capacity Calculator](#)
[Wire Size Calculator](#)
[Voltage Drop Calculator](#)
[FlexCalculator Suite](#)

Application Notes

[AN26 Distribution options](#)
[AN05 Paxton Power](#)

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