

BCLASS

Integrated Brivo Power Systems

All-in-one power solutions for 4, 8, and 16 door Brivo access controllers. Single, Dual Voltage / Networked.

[BCLASS Product Guide](#)



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Standard Brivo Power			
Doors	Single Voltage	Current/Voltage	Enclosure
4-6	FPO75-D8PE4B	6A/12V	24Hx20Wx6.5D
8-16	FPO150-2D8PE8B	12A/12V	36Hx30Wx6.5D
Doors	Dual Voltage		
4-6	FPO150-B100C8D8PE4B	4A/12V and 4A/24V	24Hx20W
8-16	FPO150/250-2C82D8PE8B1	12A/12V and 10A/24V	36Hx30W

Managed Brivo Power
Doors
4-6

Dual Voltage

[FPO150-B100D8PM8NL4E4B](#)

4A/12V and 4A/24V

24Hx20

8-16

[FPO150/250-2D8P2M8NL4E8B1](#)

12A/12V and 10A/24V

36H

Enclosures
Doors

Enclosure Guide

Size

4-6
4-6
8-14
8-12
12-16

[E4B](#)

24Hx20Wx6.5D

[E6B](#)

30Hx23Wx6.5D

[E6B1](#)

30Hx23Wx6.5D

[E8B](#)

36Hx30Wx6.5D

[E8B1](#)

36Hx30Wx6.5D

Integrated Access & Power

- BCLASS all-in-one systems puts power and Brivo panels in one secure locking enclosure
- One AC drop minimizes wall space, simplifies installation, reduces time & labor costs
- FlexPower™ modularity and BCLASS 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**

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

BCLASS enclosures are engineered to house FlexPower™ power management boards alongside Brivo boards in one compact, secure system.

To prevent damage to system electronics, the backplate seperates from the enclosure for ACS5000 series board 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 renements

- 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
- Ontario ESA



[Product Warranty](#)

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

Brivo Standard Power				
Single Voltage		Datasheet	Install Manuals	CAD F

FPO75-D8PE4B		DS	IM	CAD	AG
FPO150-2D8PE8B		DS	IM	CAD	AG
Dual Voltage					
FPO150-B100C8D8PE4B		DS	IM	CAD	AG
FPO150/250-2C82D8PE8B		DS	IM	CAD	AG
Brivo Managed Power					
Dual Voltage					
FPO150-B100D8PM8NL4E4B		DS	IM	CAD	AG
FPO150/250-2D8P2M8NL4E4B1		DS	IM	CAD	AG
Brivo Enclosures					
Enclosure					
E4B		DS		CAD	

E8B
E8B1

[DS](#)
[DS](#)

[CAD](#)
[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](#)

[AN11 Brivo Power](#)

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