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 au
8-16	FPO150-2D8PE8B	12A/12V	36Hx30Wx6.5D	16 a

Doors	Dual Voltage		
4-6	FPO150-B100C8D8PE4B	4A/12V and 4A/24V	24Hx20Wx6.5D
8-16	FPO150/250-2C82D8PE8B1	12A/12V and 10A/24V	36Hx30Wx6.5D

Managed Brivo Power			
Doors	**Dual Voltage**		
4-6	FPO150-B100D8PM8NL4E4B	4A/12V and 4A/24V	24Hx20Wx6.5D
8-16	FPO150/250-2D8P2M8NL4E8B1	12A/12V and 10A/24V	36Hx30Wx6.5

Enclosures		
Doors	**Enclosure Guide**	**Size**
4-6	E4B	24Hx20Wx6.5D
4-6	E6B	30Hx23Wx6.5D
8-14	E6B1	30Hx23Wx6.5D
8-12	E8B	36Hx30Wx6.5D
12-16	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

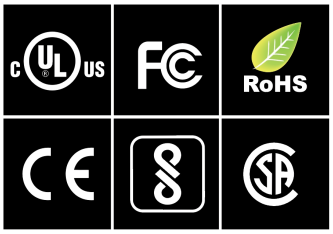
Agency Listings

- • UL294 / UL603 / UL1076 / ULC S319 • CSA C22.2 #107.1 • FCC Part 15, Subpart B • IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014

• EN6100-3-3:2013, EN55024:2010 +A1:2015

• CE, UKCA, BIS IS13252(Part1):2010, NOM 001:2018, RCM, SAA

• CSFM Approved, ROHS 3 Lead Free



Product Warranty

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

Brivo Standard Power			
Single Voltage	Datasheet	Install Manuals	CAD Files
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-B100D8PM8NL4B	DS IM CAD AG		
FPO150/250-2D8P2M8NL8B	DS IM CAD AG		
Brivo Enclosures			
Enclosure			
E4B	DS CAD		

E8B	DS	CAD	
E8B1	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

AN11_Brivo Power

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