



FLEXPOWER
BCLASS™
brivo access control power systems

Overview

BCLASS unified power systems are engineered to house FlexPower® power modules alongside Brivo access hardware in one compact, secure system.

This unit is a 12V and 24V DC dual voltage access power system.

The M8 managed lock control module provides eight access control inputs capable of voltage or dry contact activation, and eight outputs programmable for failsafe / fail-secure operation at either 12 or 24 VDC and controlled by the integrated fire alarm interface circuit on the FPO. One D8P module provides eight auxiliary class II outputs and each output is configurable for 12 or 24VDC operation.

BCLASS enclosures are painted steel with removable backplate and include lock, two (2) keys and tamper switch.

System Features

- ◆ **FPO offline power supply**
 - 120 or 230 VAC input
 - 12 and 24 VDC outputs
 - On board Fire Alarm Interface
 - Continuous and resettable DC
- ◆ **Distributed outputs**
 - Eight auxiliary, power limited at 2.5A each
 - Eight managed, fused at 3A each
- ◆ **Remote Monitoring & Control**
 - Live voltage / current reporting
 - Remote battery load testing
 - Output power cycling and abnormal operation alert
 - System / AC fault reporting
 - Email and SNMP trap notification
- ◆ **Lifetime Warranty**

Enclosure Features

- ◆ **Labor saving design**
 - Pre-wired power section
 - Pre-punched knockouts
 - Removeable backplate simplifies installs
 - Pre-defined hole pattern for power section
 - Access panels mount on threaded studs - no drilling required
- ◆ **Additional benefits**
 - Wire management room
 - 4.5" enclosure depth fits battery set
 - Tamper switch, lock, dual key set standard
 - Mounting hardware for access boards included



Ordering

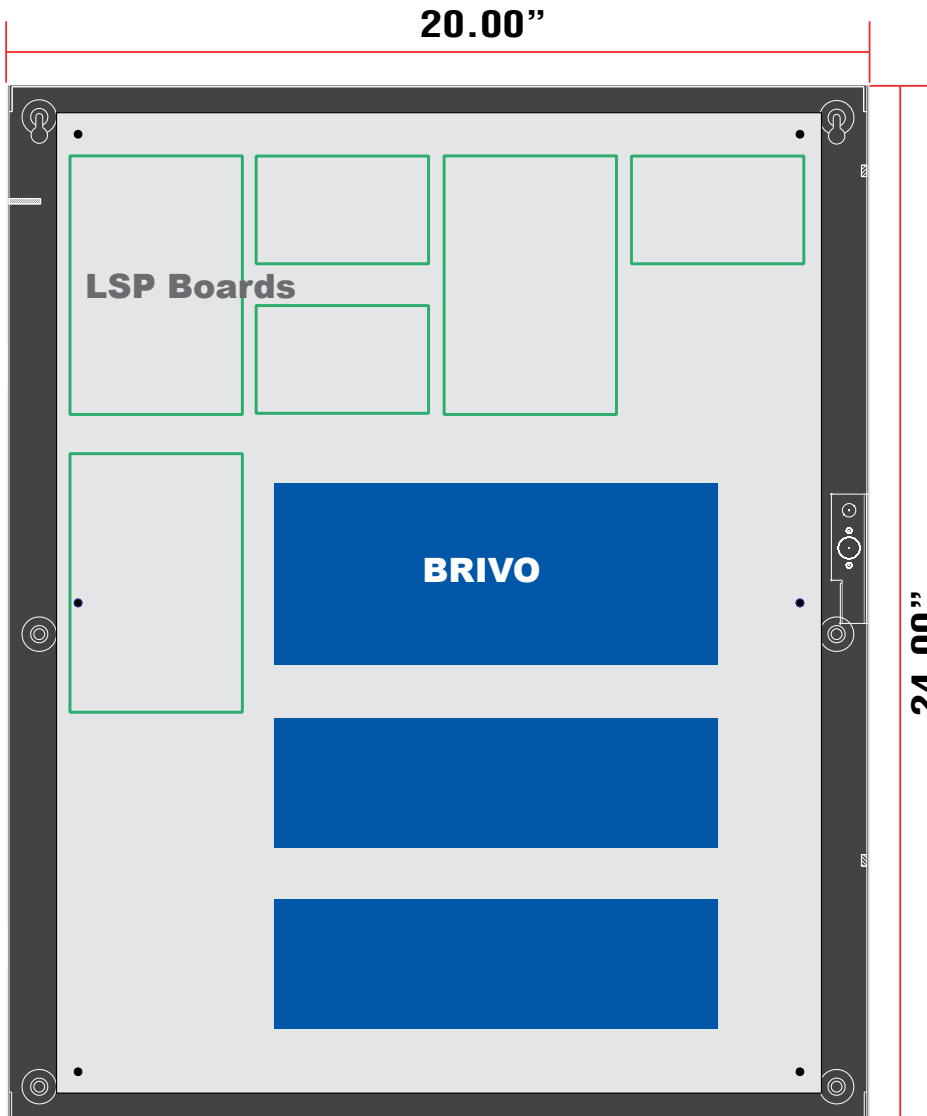
Description

FPO150-B100D8PM8NL4E4B 150W (12V & 24V) 8 managed / aux outputs, BCLASS encl.

Specifications

Input Power	Input 120/230 VAC 50/60 Hz 170 Watts (1.41 Amps) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	4A@12V and 4A@24V DC, 150W maximum combined output power Outputs: Continuous (DC1) Resettable (DC2) 8 auxiliary outputs, class 2 power limited at 2.5A each 8 managed outputs, fused at 3A each 120 mV output voltage ripple System Efficiency: 88% System BTU Rating: 66 BTU/Hr
Battery Charging	Independent built-in 2A charger for sealed lead acid or gel type batteries Microprocessor dual rate charging of 12 or 24 V battery sets Charges up to 80Ah battery sets within UL limit Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision	AC Fail (form "C" contacts) System Fault (form "C" contacts) may be triggered by low/no battery, short to earth ground, power supply failure or blown fuse
Visual Indicators	AC input, DC1 and DC2 output System fault AC fault Short to earth ground Reverse battery polarity Fire Alarm Input activated B100: DC input, output and Fault M8: DC input, output and Fault D8P: DC output
Regulatory Compliance (LSP equipment)	UL294, UL603, UL864, UL1076, UL1481, UL2044, UL2572 ULC S318, ULC S319, ULC S527, CSA C22.2 #107.1, CSA C22.2 #60950 FCC Part 15, Subpart B / CSFM Approved
Enclosure Dimensions	Size: 24.00H x 20.00W x 4.50D in. (61.00 x 51.00 x 11.50 cm) Weight: 25 lbs.
Access Panel Mounting	Brivo Controllers

Brivo E4B Backplate mounting pattern for power and access boards



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Specifications subject to change without notice.

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