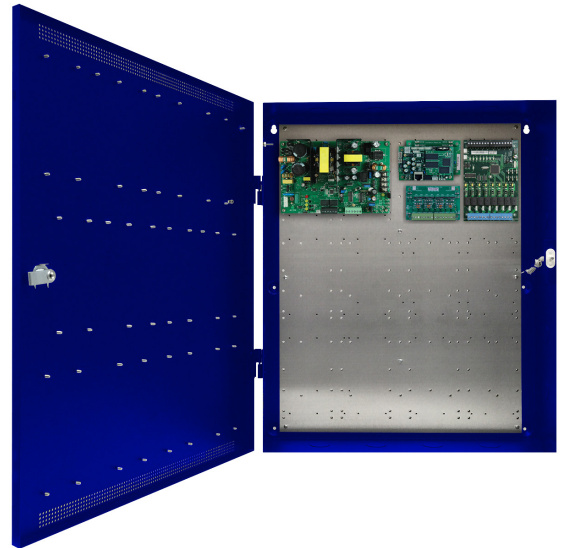




LifeSafety Power FPO150-B100M8PD8PNL4E4M1

LifeSafety Power Eight Door Power Supply w/ Power Distribution and Management, Includes Enclosure

The LifeSafety Power FPO150-B100M8PD8PNL4E4M1-NLKIT is an Eight Door Power Supply with Power Distribution and Management and an Enclosure. The kit is configured with space to add backup battery and utilizes an FPO power supply to generate 24VDC and a B100 to generate 12VDC. It includes a locking eight door enclosure with tamper and power supply and wiring speed kit. Local managed lock power, power monitor and control is included. Remote management and reporting of power supply and battery health are available through BluSKY Power Diagnostics.



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 output module

- Four, controlled fused at 3A each
- Eight, auxiliary Class II P limited at 2.5A each

Expansion options

- Increased power, multiple voltages
- Additional distribution outputs
- Power management

Enclosure Features

Labor saving design

- Unified power and security in one enclosure
- Pre-wired power section
- Removeable backplate simplifies installs
- Speed kit is included for power and data wiring
- Includes mounting studs on door to add additional I/O boards.

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

Specifications

Input Power:

- Input 120/230VAC 50/60Hz | 200 Watts
- Overload and short circuit protection
- Over temperature protection
- Polarized AC power supply disconnect

Output Power:

- 150W Total Output Power | 12VDC/12A or 24VDC/6A
- 5-18VDC @ 4A Max. | FPO Board Outputs: Continuous (DC1), Resettable (DC2)
- 8 Auxiliary Outputs, 8 Managed Outputs, Class 2 PL @ 2.5A each
- 120mV Output Voltage Ripple | System Efficiency: 88% | System BTU Rating: 66 BTU/Hr

Battery Charging:

- Independent built-in 2A (FPO150) Charger for sealed lead-acid or gel type batteries
- Microprocessor dual rate charging of 12 or 24V battery sets
- Automatic switchover to standby battery when AC fails
- Zero voltage drop when switched over to battery backup

Regulatory Compliance:

- UL294, UL603, UL864, UL1076, UL1481, UL2044, UL2572, ULC S318, ULC S319, ULC S527,
- CSA C22.2 #107.1, FCC Part 15, CSFM Approved

Size and Weight:

- 24.00"H x 20.00"W x 6.50"D | 45 lbs.

Recommended board layout

The LSP NL4 is installed directly over the LSP B100 with included 6-32 x 1.25" standoffs and right angle Ethernet adapter.



Kit Includes

MFG Part #	BluBØX Order #	QTY	Description
E4ML-SK-5T	577-3045	1	E4ML-SK-5T Speed Kit: Five board precut DC power, RS485 and lock trigger wiring kit.
FPO150-B100M8PD8PNL4E4M1	670-1463	1	LifeSafety Power: Eight door power supply w/ power distribution and management, includes enclosure

Ordering Information

BluBØX Order #	Description
670-1463	LifeSafety Power Eight Door Power Supply w/ Power Distribution and Management, Includes Enclosure

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