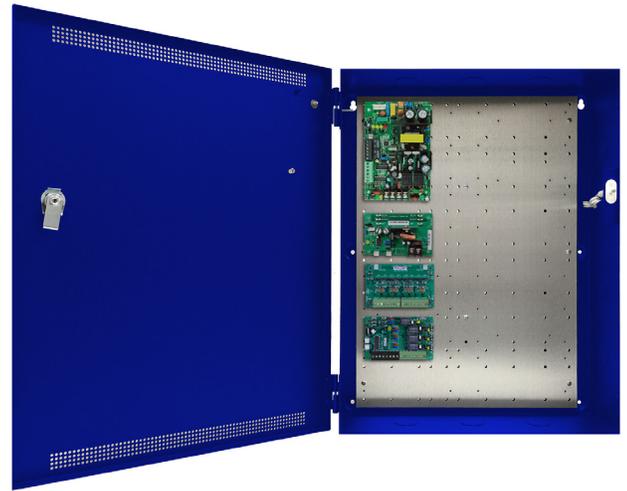# BluBØX
SECURITY RE-IMAGINED

LifeSafety Power FPO75-B100C4PD8PE2M
LifeSafety Power Four Door Power Supply w/ Power Distribution, Includes Enclosure

The LifeSafety Power FPO75-B100C4PD8PE2M is a Four Door Power Supply with Power Distribution 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 four door enclosure with tamper, power supply and wiring speed kit. Local managed lock power 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

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 | 100 Watts
- Overload and short circuit protection
- Over temperature protection
- Polarized AC power supply disconnect

Output Power:
- 75W Total Output Power | 12VDC/6A or 24VDC/3A
- 5-18VDC @ 4A Max. | FPO Board Outputs: Continuous (DC1), Resettable (DC2)
- 4 Lock Outputs, 8 Auxiliary Outputs, Class 2 PL @ 2.5A each
- 120mV Output Voltage Ripple | System Efficiency: 85% | System BTU Rating: 33 BTU/Hr

Battery Charging:
- Independent built-in 1A (FPO75) 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:
- 20.00"H x 16.00"W x 4.50"D | 27 lbs.

Recommended board layout

Kit Includes

MFG Part #	BluBØX Order #	QTY	Description
E2ML-SK-3T	577-3035	1	BluBØX E2ML-SK-3T Speed Kit: Three board precut DC power, RS485 and lock trigger wiring kit
FPO75-B100C4PD8PE2M	670-1421	1	LifeSafety Power: Four door power supply w/ power distribution, includes enclosure

Ordering Information

BluBØX Order #	Description
670-1421	LifeSafety Power Four Door Power Supply w/ Power Distribution, Includes Enclosure

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