LifeSafety Power®

Paxton

FLEXPOWER **FPO75-M8NL4E4P**
Networked PCLASS™ UNIFIED POWER SYSTEM
75W / 12 or 24VDC / Multi-Door
8 Managed Outputs

Overview

Networked PCLASS™ Unified Power Systems combine FlexPower® power modules alongside Paxton Access hardware in one compact, secure enclosure.

This unit is a 12V or 24V DC single voltage networked access power system.

One M8 lock control module provides eight access control inputs capable of voltage or dry contact activation, and eight outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the integrated fire alarm interface circuit on the FPO.

Network module monitors both power supplies and battery set(s). PCLASS enclosures are painted steel with removable backplate and include lock, two (2) keys and tamper switch.

FLEXPOWER
UNIFIED POWER SOLUTIONS

System Features

◆ **FPO offline power supply**
   – *120 or 230 VAC input*
   – *12 or 24 VDC outputs*
   – *On board Fire Alarm Interface*
   – *Continuous and resettable DC*

◆ **Auxiliary outputs**
   – *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*

◆ **Lifetime Warranty**

Enclosure Features

◆ **Engineered NET2 backplate**
   – *Custom mounting pattern for six door system (four controllers and two stacked)*

◆ **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 standoffs - no drilling required*

◆ **Additional benefits**
   – *Wire management room*
   – *6.5" enclosure depth fits battery set*
   – *Tamper switch, lock, dual key set standard*
   – *Mounting hardware for access boards included*

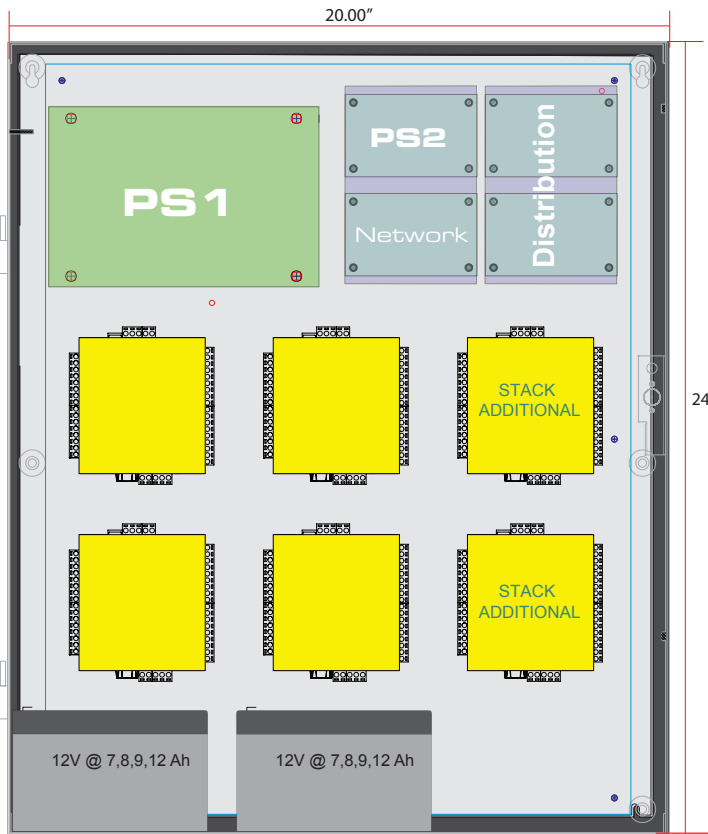| Ordering	Description
FPO75-M8NL4E4P	Networked 75W (12V / 24V) 8 Managed outputs

c(UL)us   CE   RoHS compliant

Specifications

Input Power	Input 120/230 VAC 50/60 Hz | 83 Watts (0.70A) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	6A@12V or 3A@24V DC, 75W maximum combined output power Outputs: Continuous (DC1) Resettable (DC2) 8 managed outputs, fused at 3A each 120 mV output voltage ripple System Efficiency: 83% | System BTU Rating: 33 BTU/Hr
Battery Charging	Independent built-in 1A charger for sealed lead acid or gel type batteries Microprocessor dual rate charging of 12 or 24 V battery sets Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision	AC Fail (form "C" contacts) System fail (form "C" contacts) may be triggered by low/no battery, short to earth ground and power supply failure
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 outputs / Fault
Regulatory Compliance (LSP equipment)	UL294, UL603, UL1076, ULC S318, ULC S319 CSA C22.2 #107.1, CSA 22.2 #60950 CSFM / FCC Part 15, Subpart B CE
Enclosure Dimensions	Size: 24.00H x 20.00W x 6.50D in. (61.00 x 50.00 x 16.50 cm) | Weight: 25 lbs.
Access Panel Mounting	(6) NET2 controllers (can double stack controller for higher door counts)

Paxton Access Mounting Guide

Paxton Access	Available Slots
NET2	6*
*additional can be stacked	

Enclosure Features

◆ **Custom Backplate**
- – *Light weight aluminum with AC and battery slots to protect cables*
- – *LSP pre-wired power modules reduce installation time*
- – *Front side screw in standoffs simplifies panel installation*
- – *Wide wire management channels for panduit or tie wrap*

◆ **Mechanical**
- – *Pre-drilled mounting holes for easy field upgrades*
- – *6.5" cabinet depth accommodates large battery sets*
- – *Removable door with "fast disconnect" ground strap*
- – *Multiple knockouts all four sides*

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Specifications subject to change without notice.

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