LifeSafety Power®

FLEXPOWER FPO75-B100C4PD8PE4H

HCLASS™ UNIFIED POWER SYSTEM
75W / 12 & 24VDC / 4 - 6 Doors
4 Lock / 8 Auxiliary Class II Outputs

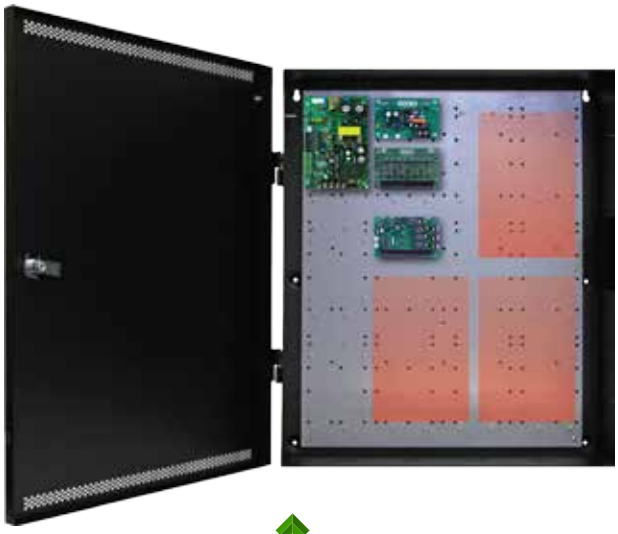
Overview

HCLASS™ Unified Power Solutions are engineered to house FlexPower® power modules alongside HW Pro-Watch™ access hardware in one compact, secure system.

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

The C4P managed lock control module provides four access control inputs capable of voltage or dry contact activation, and four outputs programmable for failsafe / failsecure 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.

HCLASS 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 and 24 VDC outputs*
  - *On board Fire Alarm Interface*
  - *Continuous and resettable DC*
- **Distributed outputs**
  - *Eight auxiliary, power limited at 2.5A each*
  - *Four control, power limited at 2.5A 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
FPO75-B100C4PD8PE4H	150W (12V & 24V) 4 lock / 8 aux outputs, HCLASS encl.

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	2A@12V and 2A@24V DC, 75W maximum combined output power Outputs: Continuous (DC1) Resettable (DC2) 4 lock outputs, class II power limited at 2.5A each 8 auxiliary outputs, class II power limited at 2.5A 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 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 C4P: DC input, output and Fault D8P: DC output
Regulatory Compliance (LSP equipment)	UL294, UL603, UL1076 ULC S318, ULC S319, CSA C22.2 #107.1, CSA C22.2 #60950 CE | CSFM Approved | FCC Part 15, Subpart B
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	Pro-Watch Controllers

PRO-WATCH Backplate mounting pattern for power and access boards

