Overview

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

Dual M8 lock control modules provide sixteen access control inputs capable of voltage or dry contact activation, and sixteen fused outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the integrated fire alarm interface circuit on the FPO. Dual D8 modules provide sixteen auxiliary fused outputs and each output is configurable for 12 or 24VDC operation.
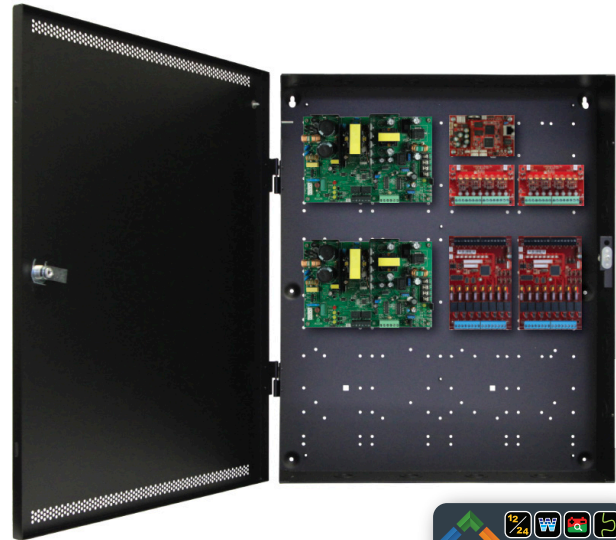
Network module monitors both power supplies and battery set(s). FlexPower enclosures are painted steel with removable backplate and include lock, two (2) keys and tamper switch.

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
  - – 100% duty cycle - no derating
- ◆ **Distributed outputs**
  - – Sixteen auxiliary, fused 3A each
  - – Sixteen managed, fused 3A each
- ◆ **Remote Monitoring & Control**
  - – Live voltage / current reporting
  - – Remote battery load testing
  - – Output power cycling and abnormal operation alert
  - – System / AC fault reporting
  - – 1000 event data buffer
  - – Email and SNMP trap notification
- ◆ **Lifetime Warranty**

Enclosure Features

- ◆ **Labor saving design**
  - – Pre-wired FlexPower section
  - – Pre-formed knockouts
- ◆ **Other refinements**
  - – 6.5" enclosure depth fits 12Ah battery
  - – Tamper switch, lock, dual key set standard

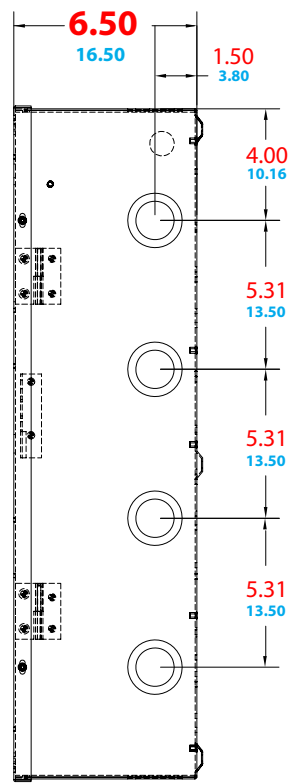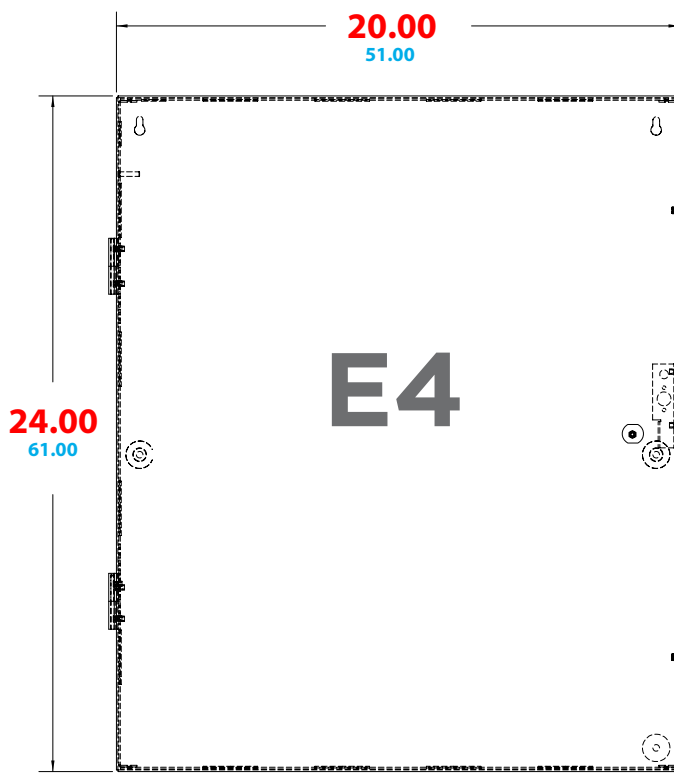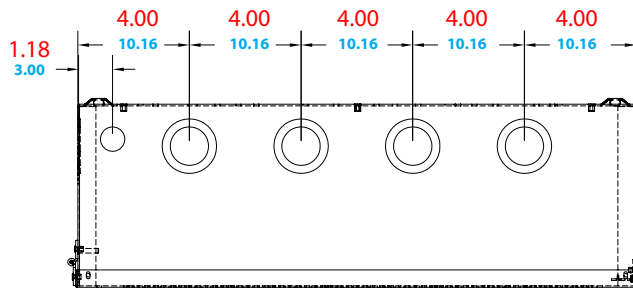| Ordering	Description
FPO150/250-2D82M8NL4E4	400W (12V/24VDC) 16 managed/16 aux outputs, UL
FPO150/250-2D82M8NL4E4/E	400W (12V/24VDC) 16 managed/16 aux outputs, CE

Specifications

Input Power	Input 120/230 VAC 50/60 Hz | 452 Watts Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	FPO150: 150 Watts 12V/12A or 24V/6A FPO250: 250 Watts 12V/20A or 24V/10A Outputs: Continuous (DC1) Resettable (DC2 16 managed control outputs, fused at 3A each 16 auxiliary outputs, fused at 3A each 120 mV output voltage ripple System Efficiency: 87% | System BTU Rating: 175 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 M8: DC input, output and Fault | D8: DC Output
Regulatory Compliance (LSP equipment)	UL294, UL603, UL1076, ULC S318, ULC S319, ULC S527, CSA C22.2 #107.1, CSA C22.2 #60950 FCC Part 15, Subpart B / CSFM Approved | CE
Physical Dimensions	Enclosure: 24.00H x 20.00W x 6.50D in. Weight: 20 Lbs.

E4 enclosure mechanical dimensions

24H x 20W x 6.5D" (61.00 x 51.00 x 16.00 cm)

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Specifications subject to change without notice.

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