

## Overview

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

One M8 managed module provides eight access managed inputs capable of voltage or dry contact activation, and eight outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and managed by the integrated fire alarm interface circuit on the FPO. One D8 module provides eight auxiliary outputs and each output is configurable for 12 or 24VDC operation.

**FlexPower** enclosures are painted steel with removable backplate and include lock, and two (2) keys.

## 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
- ◆ **Distributed outputs**
  - Eight auxiliary - fused at 3A each
  - Eight managed control - 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
  - Relay board on/off control
- ◆ **Lifetime Warranty**

## Enclosure Features

- ◆ **Labor saving design**
  - Pre-wired FlexPower section
  - Pre-punched knockouts
  - Pre-defined hole pattern for power section
  - Access panels mount on predefined stud mounts - no drilling required
- ◆ **Other refinements**
  - 4.5" enclosure depth fits 12Ah battery
  - Wire management room
  - Tamper switch, lock, dual key set standard



## Ordering

## Description

FPO150-B100D8M8NL4E2 150W (12V & 24V) 8 aux and managed outputs

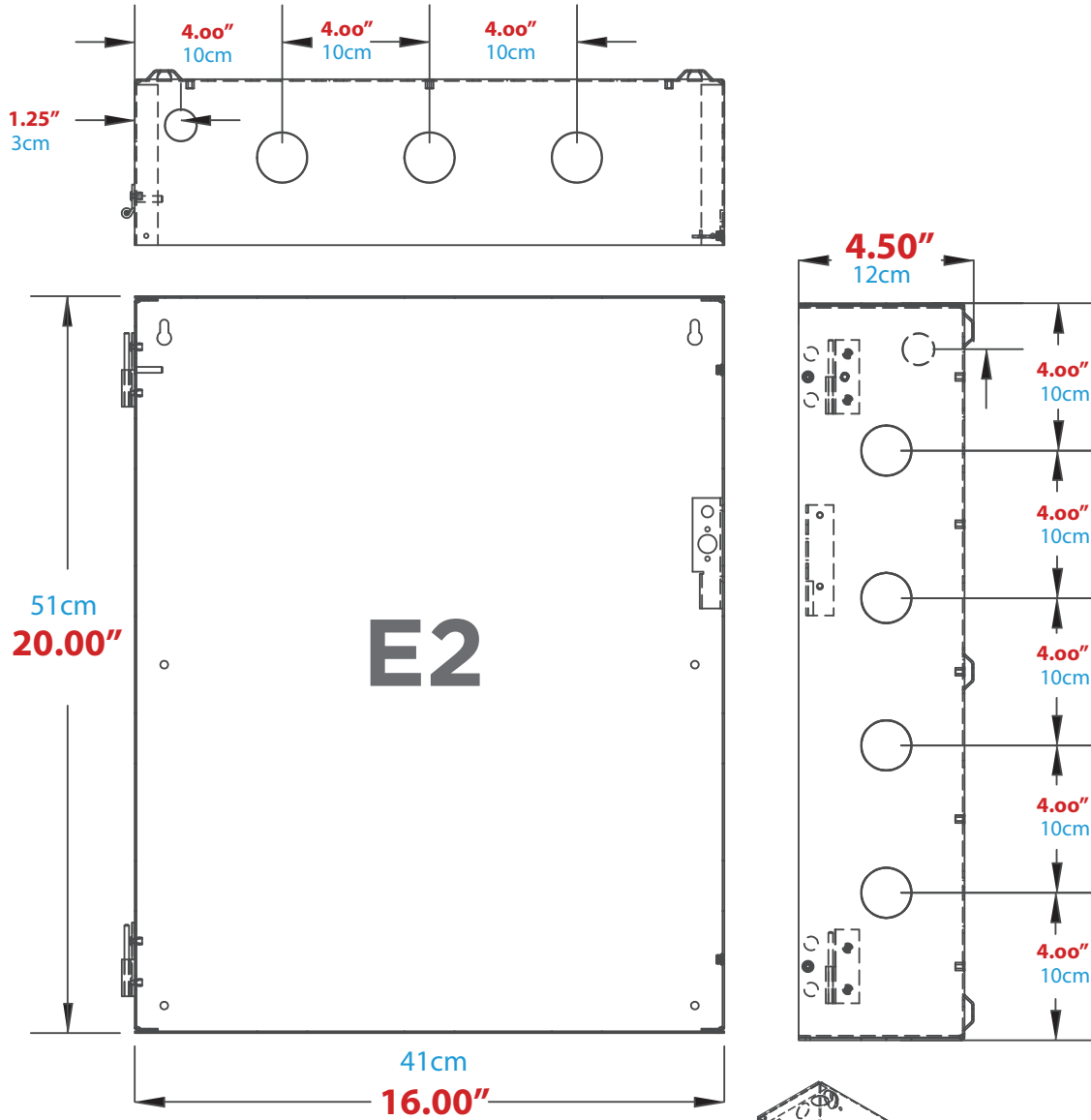


## Specifications

<b>Input Power</b>	Input 120/230 VAC 50/60 Hz   170 Watts (1.41 Amps) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
<b>Output Power</b>	4A@12V and 4A@24V DC, 150W maximum combined output power Outputs: Continuous (DC1) Resettable DC2 8 managed outputs, fused at 3A each 8 auxiliary outputs, fused at 3A each 120 mV output voltage ripple System Efficiency: 88%   System BTU Rating: 66 BTU/Hr
<b>Battery Charging</b>	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 transfer time when switching over to battery backup
<b>Supervision</b>	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
<b>Visual Indicators</b>	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 input, output and Fault D8: DC output
<b>Regulatory Compliance (LSP equipment)</b>	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
<b>Physical Dimensions</b>	Enclosure: 20.00H x 16.00W x 4.50D in.

### E2 enclosure mechanical dimensions

20H x 16W x 4.5D" (51.00 x 41.00 x 12.00 cm)



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P01-628 07/22

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