

## Overview

DMP Unified Power Systems combine FlexPower® power modules alongside DMP 734/734N Wiegand Interface Modules in one compact and secure UL Listed solution.

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

One M8 managed 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. All inputs / outputs are software controlled for remote operation. One D8 module provides eight fused outputs and each output is configurable for 12 or 24VDC operation.

DMP access enclosures are painted steel with four removable DMP controller backplates 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
- ◆ **Distributed output module**
  - 8 auxiliary - fused at 3A each
  - 8 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
  - Email and SNMP trap notification
- ◆ **Lifetime Warranty**

## Enclosure Features

- ◆ **Labor saving design**
  - Pre-wired power section
  - Pre-punched knockouts
  - Preinstalled brackets hold eight DMP modules
  - Flexible backplate mounting locations
  - Access panels mount on threaded studs - 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

FP0150-B100D8M8NL4E4-4DM2

## Description

150W (12V & 24V) 8 lock/8 aux outputs, 8 DMP



## Specifications

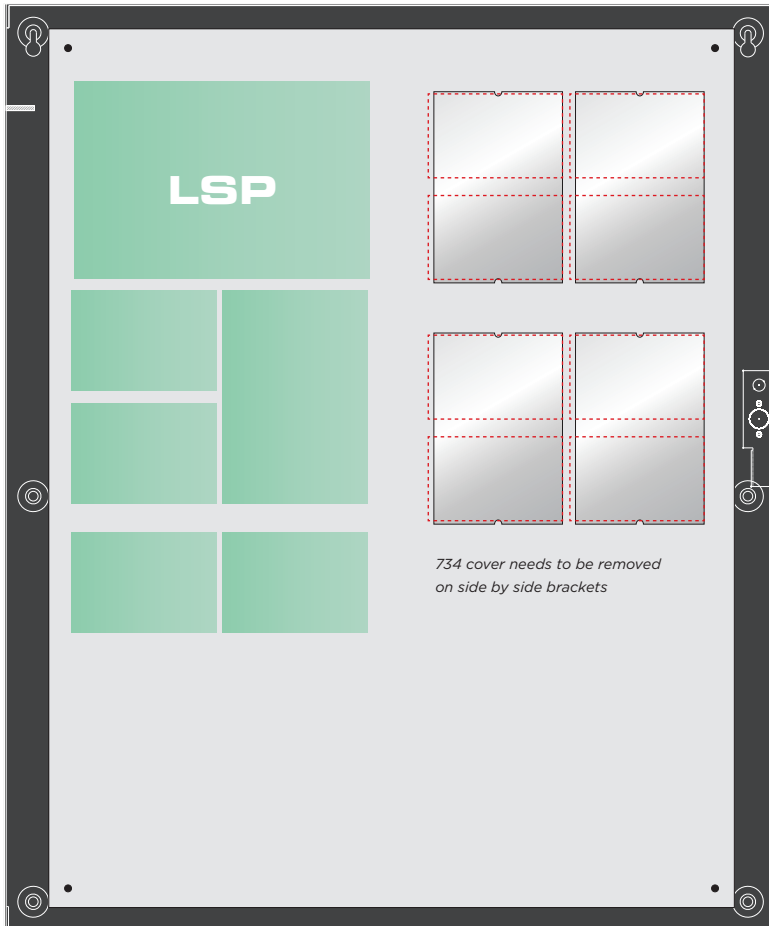
<b>Input Power</b>	Input 120/230 VAC 50/60 Hz   170 Watts (1.41 Amps) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
<b>Output Power</b>	4A@12V and 4A@24V DC, 150W maximum combined output power Outputs: Continuous (DC1) Resettable (DC2) 8 auxiliary outputs, fused at 3A each 8 managed 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 Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
<b>Supervision</b>	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
<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 output and fault D8: DC output
<b>Regulatory Compliance</b>	UL294, UL603, UL1076, ULC S318, ULC S319
<b>Mercury/LSP</b>	CSA C22.2 #107.1, CSA 22.2 #60950
<b>Joint Listing</b>	CSFM / FCC Part 15, Subpart B CE
<b>Enclosure Dimensions</b>	Size: 24.00H x 20.00W x 6.50D in. (61.00 x 50.00 x 16.50 cm)   Weight: 25 lbs.
<b>Access Panel Mounting</b>	Pre-installed brackets mount two (2) DMP modules per bracket

**E4 DMP Mounting Guide**

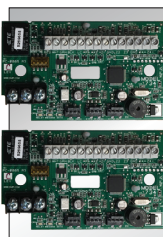
DMP	Modules per bracket	Brackets per Enclosure	Total Modules
734/734N	2	4	8

**Enclosure Features**

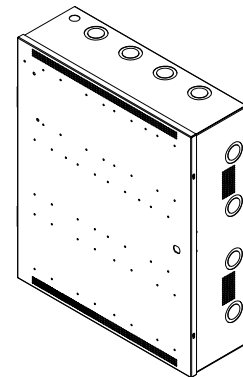
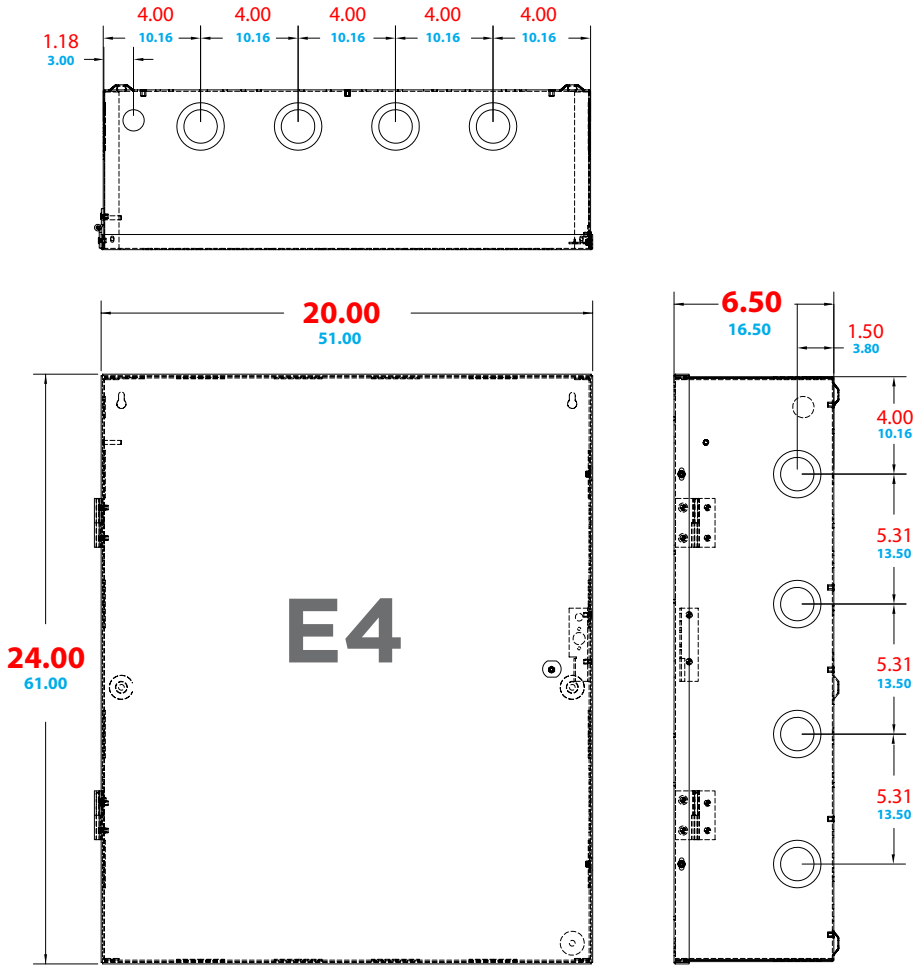
- ◆ **Custom DMP Backplate**
  - LSP power modules pre-wired along left side
  - Four brackets - mount eight (8) DMP controllers
- ◆ **Mechanical**
  - 6.5" cabinet depth
  - Removable door with "fast disconnect" ground strap
  - Multiple knockouts all four sides
  - Network module mounting holes for field upgrade



**Each DMP bracket mounts two 734 controllers**



## Enclosure Dimensions (H x W x D) 24.00" x 20.00" x 6.50" (61 x 51 x 16.5 cm)



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Specifications subject to change without notice.

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