

Overview

AClass™ Unified Power Systems combine FlexPower® power modules alongside AMAG™ access hardware in one compact and secure power solution.

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.

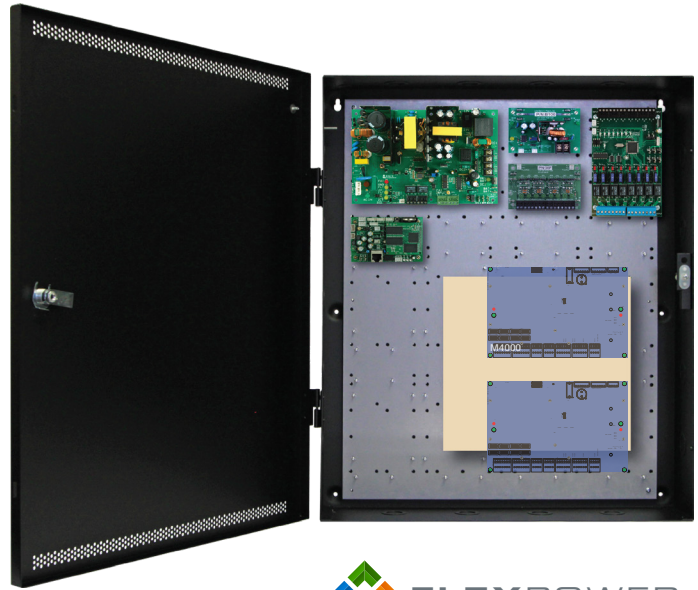
AClass enclosures are painted steel with removable backplate and include lock, two (2) keys and tamper switch.

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
- ◆ **Distributed outputs**
 - Eight auxiliary, fused at 3A each
 - 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
 - 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 standoffs - 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

FP0150-B100D8M8NL4E4A

Description

150W (12V & 24V) 8 managed outputs, networked



Specifications

Input Power	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
Output Power	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 control outputs, fused at 3A each 120 mV output voltage ripple System Efficiency: 88% System BTU Rating: 66 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 B100: DC input, output and Fault M8: DC input, output and Fault D8: DC output
Regulatory Compliance (LSP equipment)	UL294, UL603, UL864, UL1076, UL1481, UL2044, UL2572 ULC S318, ULC S319, ULC S527, CSA C22.2 #107.1, CSA C22.2 #60950 FCC Part 15, Subpart B / CSFM Approved
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 Mounting	Fits either two (2) M4000 or one (1) 8DBC, 8DC, 4DBC or 2DBC

E4A Mounting Guide

Pattern	Slots	Fits AMAG
Tan	1	8DBC, 8DC, 4DBC, 2DBC
Red*	1	4DC, AC24/24, OC4/24
Blue	2	M4000

*Factory standard wiring puts distribution on top. Mounting an AMAG board in this area may require user repositioning of distribution modules elsewhere.

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 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

E4A M4000 / 2150 pattern



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Specifications subject to change without notice.

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