LifeSafetyPower®

FLEXPOWER FPO150-2D8E6S

SCLASS™ UNIFIED POWER SYSTEM
150W / 12VDC / 16 Doors
16 Auxiliary Outputs

Overview

SCLASS™ Unified Power Systems are engineered to house FlexPower® power modules alongside SWH iSTAR™ access hardware in one compact listed enclosure.

This unit is a 150W 12VDC power system for iSTAR™ Pro or Ultra controllers.

Two D8 modules provide sixteen auxiliary outputs and each output is configurable for either continuous or resettable DC when the fire alarm disconnect is initiated.

SCLASS 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 (24V) VDC output*
  - *On board Fire Alarm Interface*
  - *Continuous and resettable DC*
- **Power Distribution**
  - *Sixteen fused at 3A each*
- **Expansion options**
  - *Increased power, multiple voltages*
  - *Additional distribution outputs*
  - *Network monitoring and reporting*
- **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*
  - *6.5" enclosure depth fits battery set*
  - *Tamper switch, lock, dual key set standard*
  - *Mounting hardware for access boards included*

Ordering	Description
FPO150-2D8E6S	150W (12V/24V) 16 Auxiliary Outputs, SCLASS system

Specifications

Input Power	Input 120/230 VAC 50/60 Hz | 170 Watts Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	FPO150: 12V/12A (24V/6A) | 150 Watts Outputs: Continuous (DC1) Resettable (DC2) 16 auxiliary outputs, fused at 3A each 120 mV output voltage ripple System Efficiency: 87% | 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 12V 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 D8: DC outputs
Regulatory Compliance **LSP/SWH Joint Listing**	UL294, UL603, UL1076 ULC S318, ULC S319, CSA C22.2 #107.1, CSA C22.2 #60950 CE | FCC Part 15, Subpart B | CSFM Approved
Physical Dimensions	Enclosure: 30.00H x 23.00W x 6.50D in. (76.00H x 58.00W x 16.50D cm)
Access Mounting	SWH ULTRA or ULTRA SE Controllers

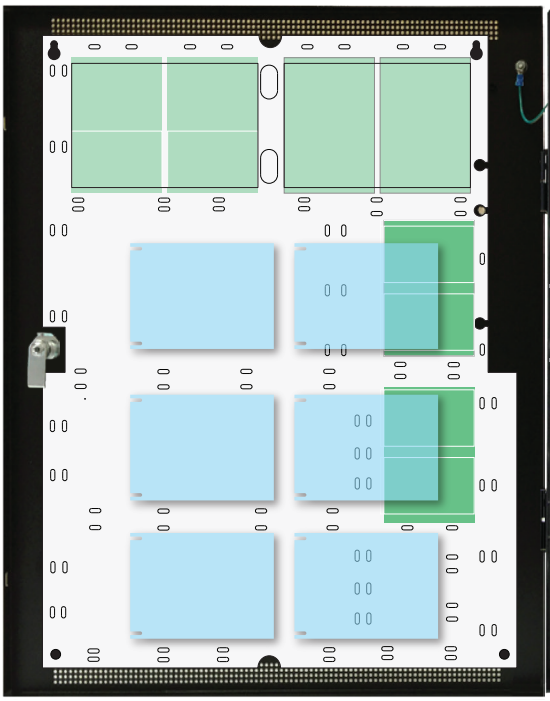
E6S Software House Mounting Guide

Software House Controller	Mounting Slots	
	E6S main	w/E6S1 door
GCM	1	
ACM ULTRA/ULTRA SE	2	2
I/O	6	6

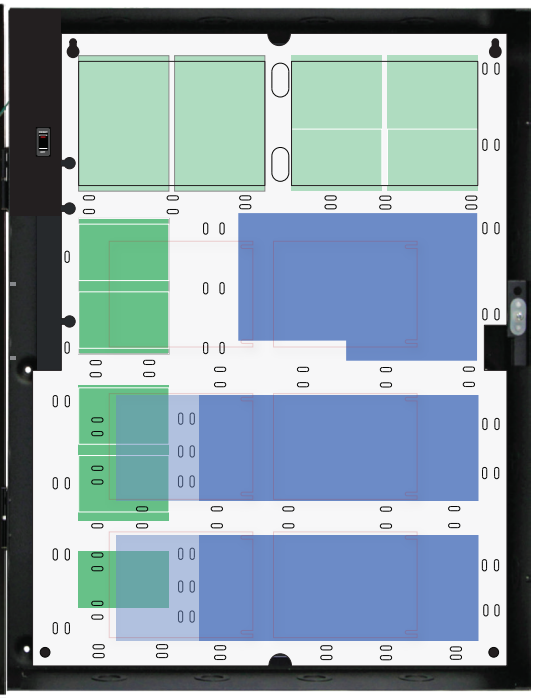
Enclosure Features

- **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*
  - *Tie wrap wire management channel*
- **Mechanical**
  - *Protected AC cover with on/off circuit breaker for maintenance safety*
  - *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*

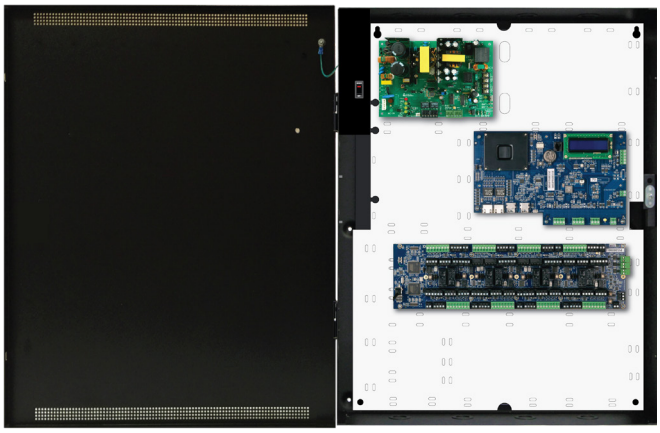
E6S1 door



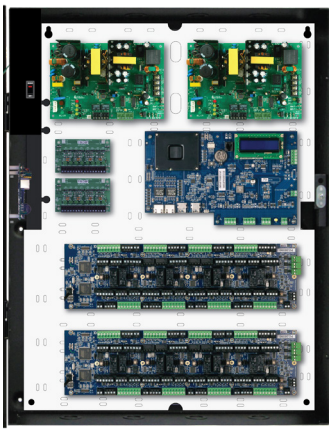
E6S main



8 Door System Power

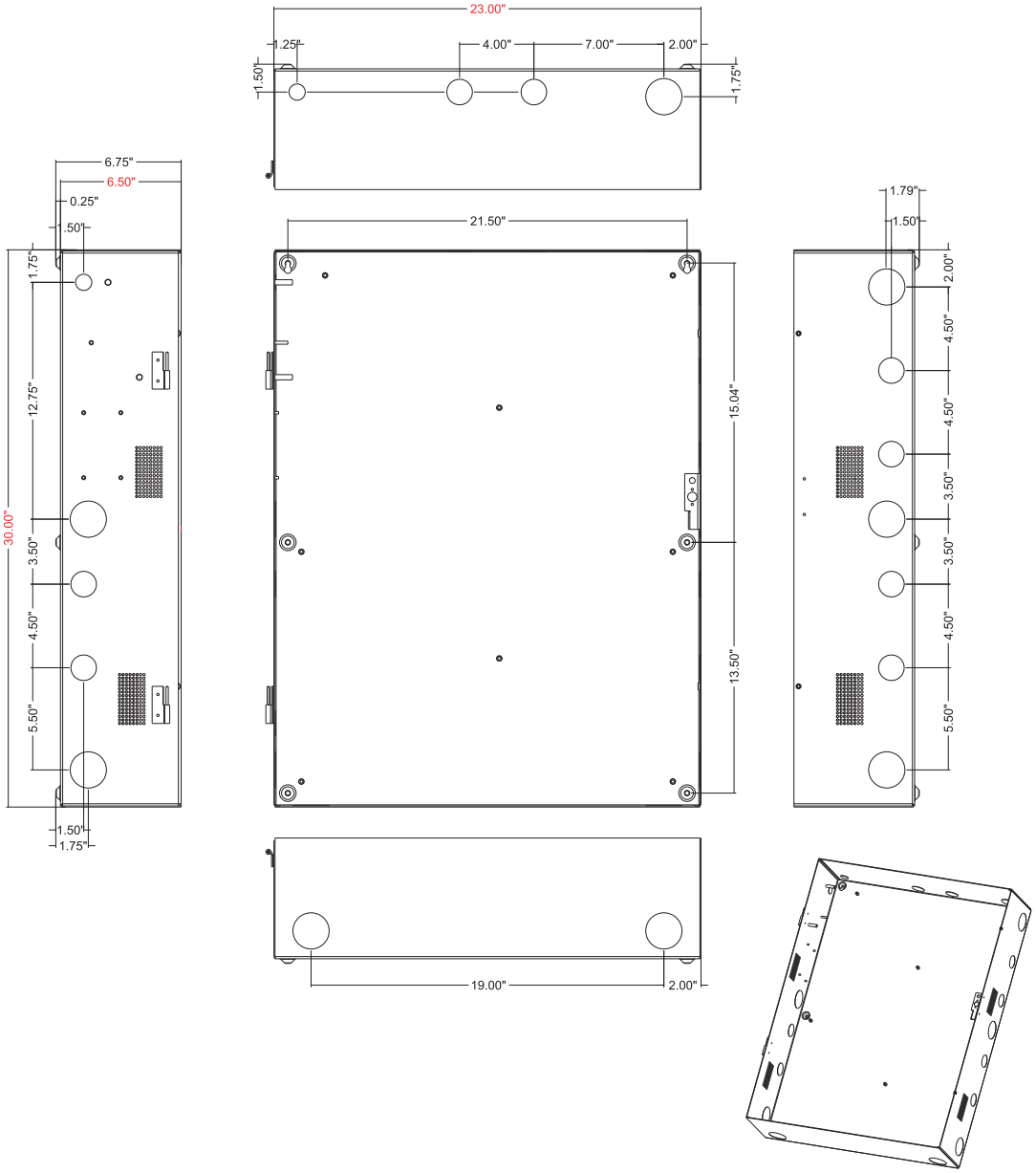


16 Door System / Lock Power



E6 Mechanical Specification

30.00" x 23.00" x 6.50" (76 x 58.5 x 16.5 cm)



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Specifications subject to change without notice.

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