LifeSafetyPower®

FLEXPOWER FPO150-B100C8D8E4S

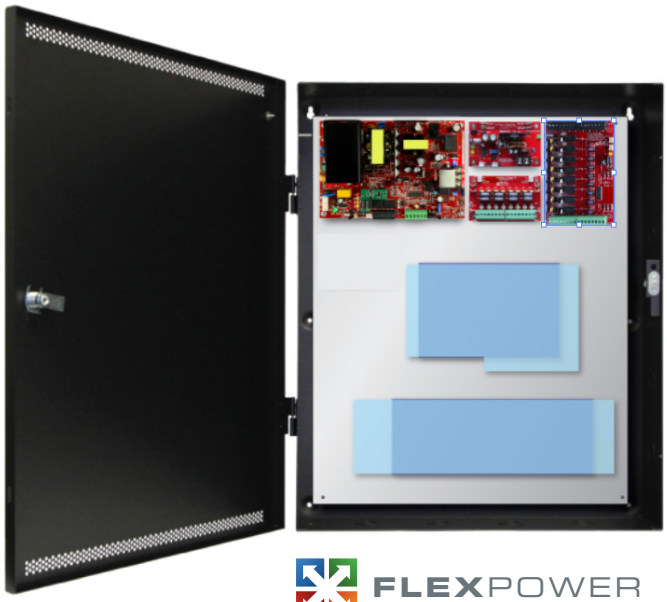
SCLASS™ UNIFIED POWER SYSTEM
150W / 12 & 24VDC / 8 Doors
8 Lock / 8 Auxiliary Outputs

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 dual voltage 12 and 24VDC, access power system. A C8 lock 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. The D8 auxilliary distribution module provide eight fused outputs rated at 3A per output and each output configurable for 12 or 24VDC operation.

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



FLEXPOWER UNIFIED POWER SOLUTIONS

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 lock control, 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*

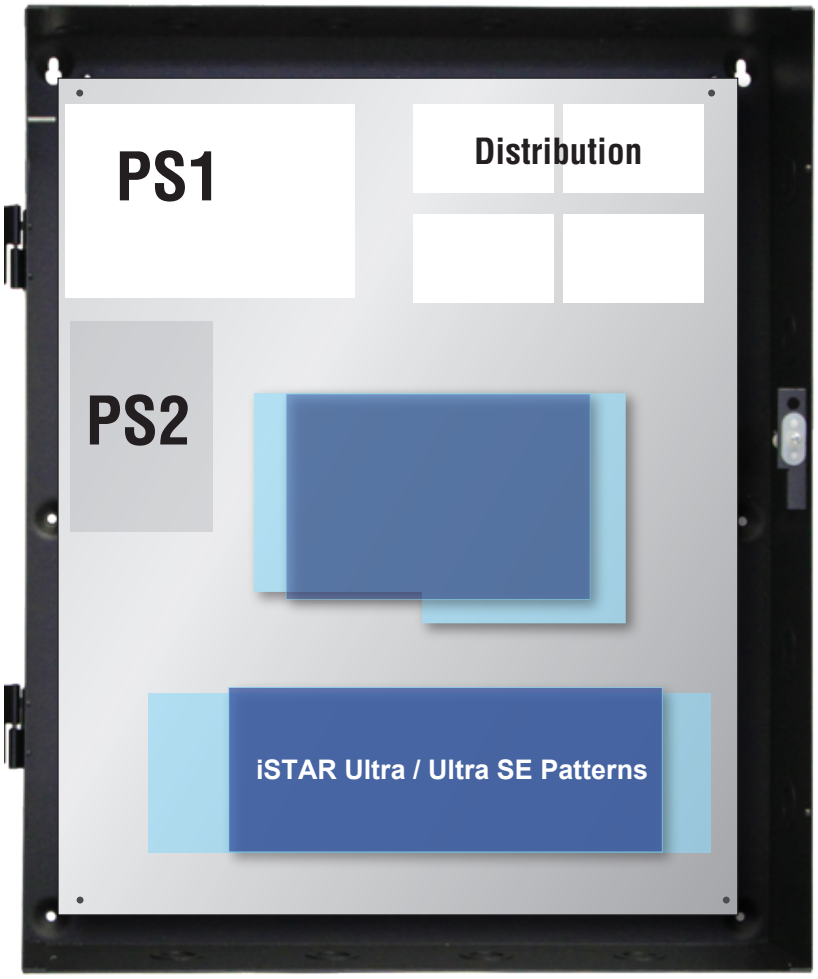
Ordering	Description
FPO150-B100C8D8E4S	150W (12V & 24V) 8 lock/ 8 aux outputs, E4S enclosure

c UL us CE RoHS compliant

Specifications

Input Power	Input 120/230 VAC 50/60 Hz | 253 Watts 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 C8: DC output and fault D8: DC outputs
Regulatory Compliance **LSP/SWH Joint Listing**	UL294, UL603, UL1076, UL2610 ULC S318, ULC S319, CSA C22.2 #107.1, CSA C22.2 #60950 CE | FCC Part 15, Subpart B | CSFM Approved
Physical Dimensions	Enclosure: 24.00H x 20.00W x 6.50D in. (61.00 x 51.00 x 16.50 cm)
Access Mounting	SWH ULTRA or ULTRA SE Controllers

SCLASS backplate board mounting pattern



Pattern	Slot	Fits AMAG
Blue	1	iSTAR ULTRA SE
Light Blue	1	iSTAR Ultra

LifeSafetyPower.com

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Specifications subject to change without notice.

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P01-677A 12/22

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