

Overview

KISI Unified Power Systems combine FlexPower® power modules alongside KISI controller modules in one compact and secure UL Listed solution.

This unit is a 75W 12V and 24V DC dual voltage access power system.

The C8 lock control module provides eight access control inputs capable of voltage or dry contact activation, and eight fused outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the integrated fire alarm interface circuit on the FPO.

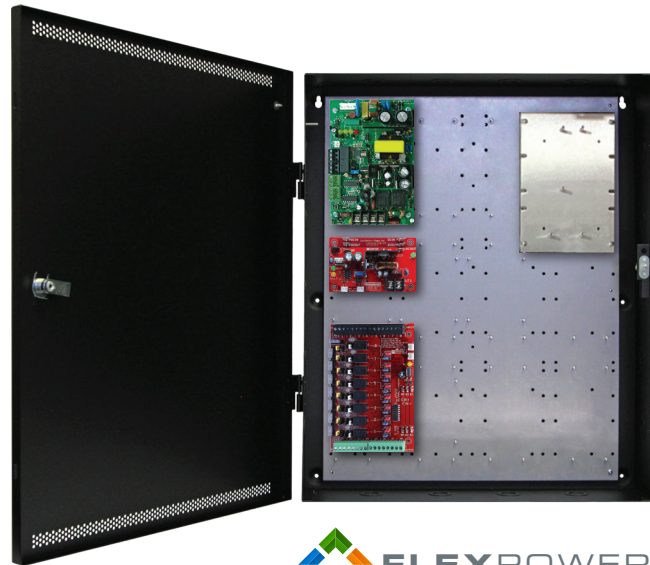
KISI access enclosures are painted steel with one removable KISI module backplate and include lock, two (2) keys and tamper switch.

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 output module**
 - 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
 - One preinstalled bracket holds one KISI module
 - Second bracket may be added for expansion
 - Flexible backplate mounting locations
 - Access panels mount on threaded studs - 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

FP075-B100C8E2-KZ1

Description

75W (12V & 24V) 8 lock outputs, holds 1 KISI controller



Specifications

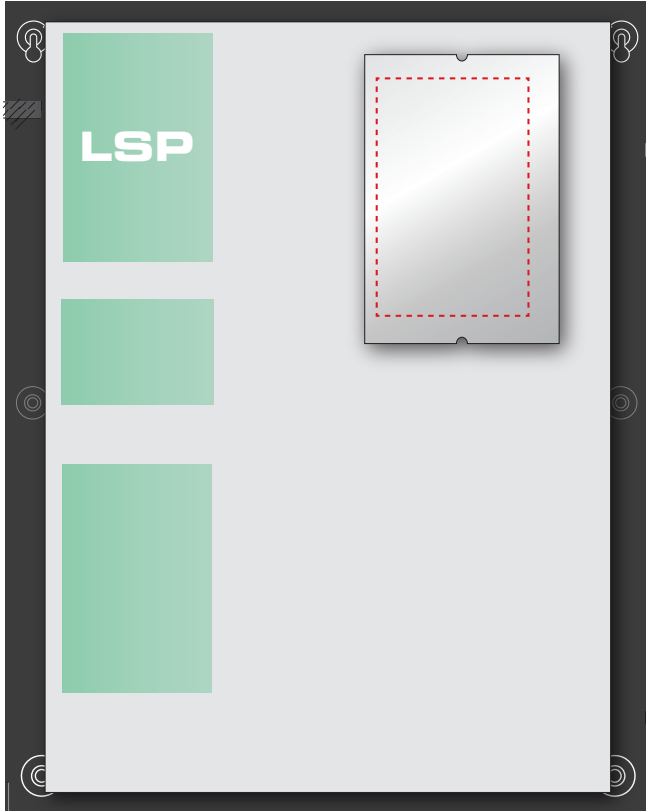
Input Power	Input 120/230 VAC 50/60 Hz 83 Watts (0.70A) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	2A@12V and 2A@24V DC, 75W maximum combined output power Outputs: Continuous (DC1) Resettable (DC2) 8 controlled outputs, fused at 3A each 120 mV output voltage ripple System Efficiency: 83% System BTU Rating: 33 BTU/Hr
Battery Charging	Independent built-in 1A 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
Supervision	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
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 C8: DC output and fault
Regulatory Compliance	UL294, UL603, UL1076, ULC S318, ULC S319
Mercury/LSP	CSA C22.2 #107.1, CSA 22.2 #60950
Joint Listing	CSFM / FCC Part 15, Subpart B CE
Enclosure Dimensions	Size: 20.00H x 16.00W x 4.50D in. (50.00 x 40.00 x 11.50 cm) Weight: 18 lbs
Access Panel Mounting	One (1) pre-installed KISI controller bracket

E2 KISI Mounting Guide

KISI	Modules per bracket	Brackets per Enclosure	Total Modules
Pro 1.1	1	1	1

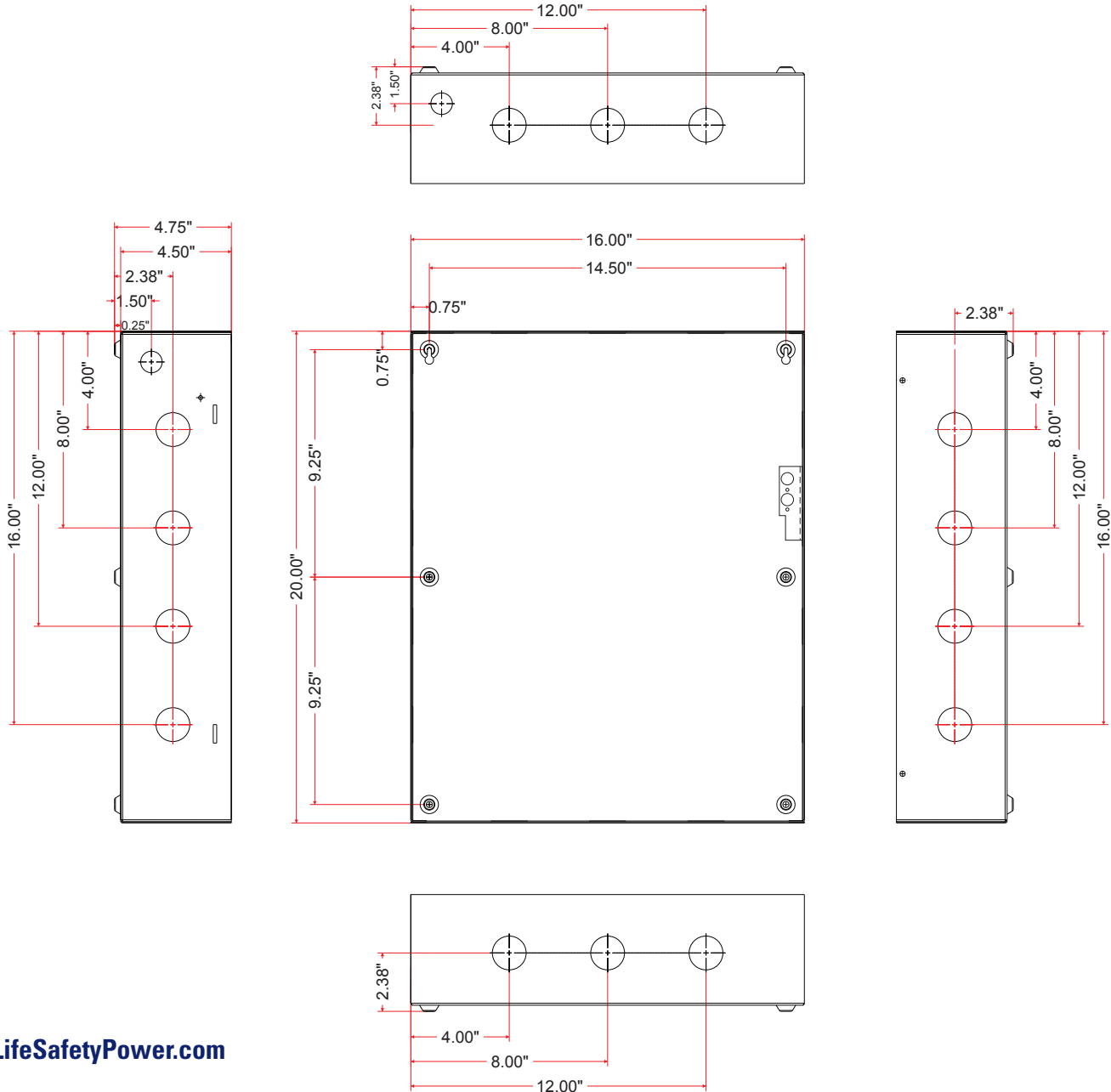
Enclosure Features

- ◆ **Custom KISI Backplate**
 - LSP power modules pre-wired along left side
 - One bracket - mounts one (1) KISI controller
 - Second bracket can be added for expansion
- ◆ **Mechanical**
 - 4.5" cabinet depth
 - Removable door with "fast disconnect" ground strap
 - Multiple knockouts all four sides
 - Network module mounting holes for field upgrade



**Bracket
mounts one controller**

Enclosure Dimensions (H x W x D) 20.00" x 16.00" x 4.50" (35 x 31 x 11.4 cm)



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Specifications subject to change without notice.

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