

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 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.

KISI access enclosures are painted steel with two removable KISI module 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 two KISI 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

FPO150-B100D8M8NL4E4-2KZ1

Description

150W (12V & 24V) 8 managed/8 aux outputs, 2 KISI



Specifications

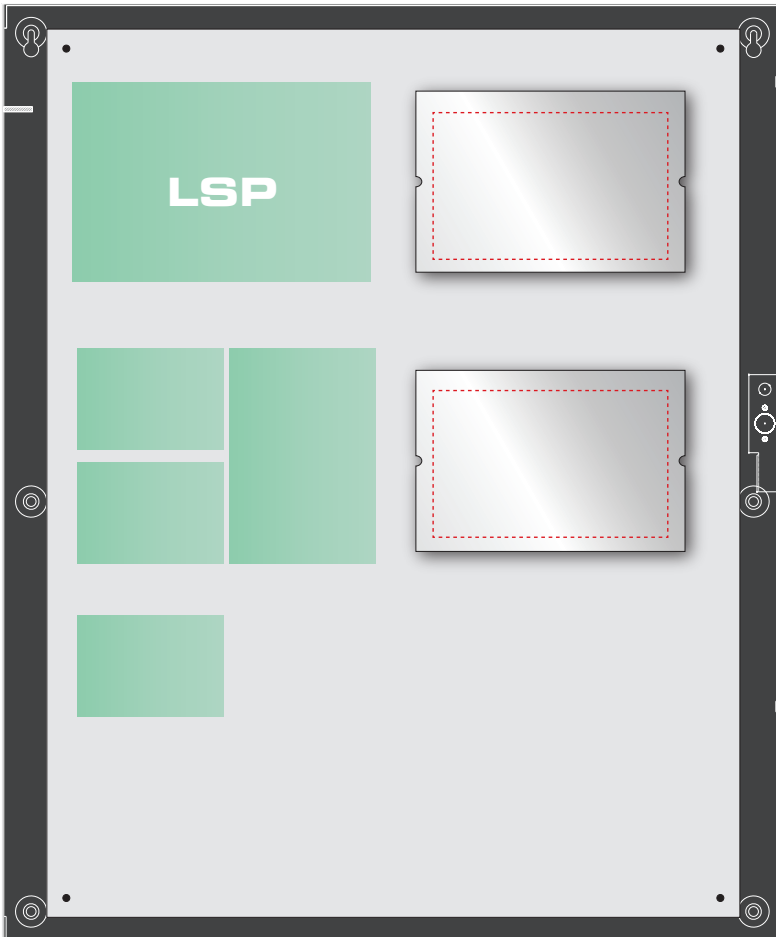
Input Power	Input 120/230 VAC 50/60 Hz 170 Watts (1.41 Amps) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	4A@12V and 4A@24V DC, 150W maximum combined output power Outputs: Continuous (DC1) Resettable (DC2) 8 auxiliary outputs, fused at 3A each 8 managed 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 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 M8: DC output and fault D8: DC output
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: 24.00H x 20.00W x 6.50D in. (61.00 x 50.00 x 16.50 cm) Weight: 25 lbs.
Access Panel Mounting	Two (2) pre-installed KISI controller brackets

E4 KISI Mounting Guide

KISI	Modules per bracket	Brackets per Enclosure	Total Modules
Pro 1.1	1	2	2

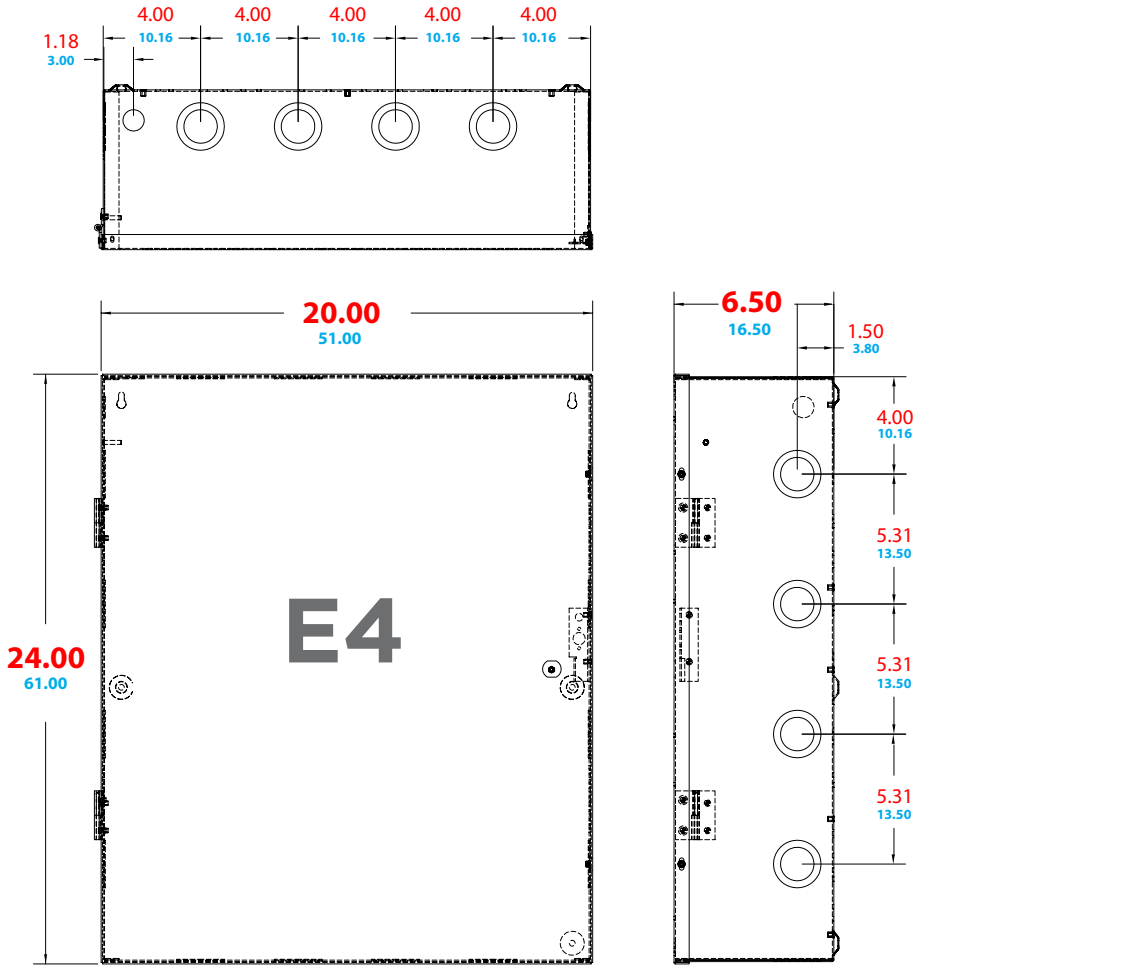
Enclosure Features

- ◆ **Custom KISI Backplate**
 - LSP power modules pre-wired at top
 - Two brackets - mount two (2) KISI controllers
- ◆ **Mechanical**
 - 6.5" cabinet depth
 - Removable door with "fast disconnect" ground strap
 - Multiple knockouts all four sides



Each bracket
mounts one KISI controller

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



LifeSafetyPower.com

(888) 577-2898
info@lifesafetypower.com

Specifications subject to change without notice.

© 2022 LifeSafety Power. All rights reserved. LifeSafety Power and FlexPower are registered trademarks of LifeSafety Power. This literature is for guidance only. It does not constitute recommendations, representation, or advice, nor is it part of any contract. Our policy is one of continuous product improvement, and the right is reserved to modify the specifications contained herein without notice.

P01-965A 06/22

LifeSafety Power
10027 S. 51st Street, Suite 102
Phoenix, AZ 85044 USA

