

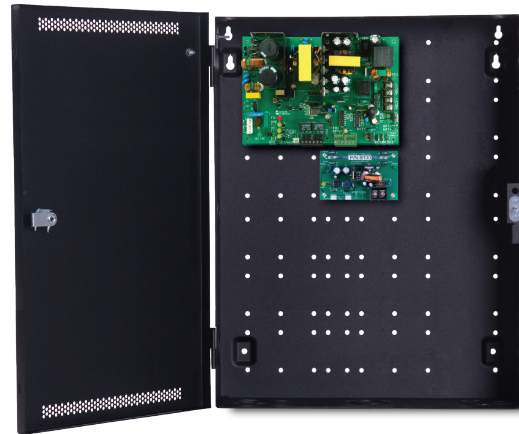
## Overview

The FLEXPOWER FP0250-B100E2 is a dual voltage offline power supply-battery charger specifically designed for the lifesafety industry.

The FP0250 power supply generates 24V, charges a battery set and provides primary power to the B100 module. The B100 steps 24V down to 12V for system use, allowing one 24VDC standby battery set to economically backup both voltages.

Complete fault detection and reporting, with programmable fault delays, is provided along with datalogging capability of fault occurrence, battery usage time and current power supply status.

FLEXPOWER 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
- ◆ **Remote Monitoring & Control option (requires NL2)**
  - Live voltage / current reporting
  - Remote battery load testing
  - Output power cycling and abnormal operation alert
  - System / AC fault reporting

## Enclosure Features

- ◆ **Labor saving design**
  - Pre-wired FlexPower section
  - Pre-formed knockouts
  - Pre-defined hole pattern for power section
- ◆ **Other refinements**
  - 4.5" enclosure depth fits 12Ah battery
  - Wire management room
  - Tamper switch, lock, dual key set standard

## Lifetime Warranty

Ordering	Description
FP0250-B100E2	250W (12V & 24V)
Enclosure: 20.00H x 16.00W x 4.50D in.	



## Specifications

<b>Input Power</b>	Input 120/230 VAC 50/60 Hz   282 Watts Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
<b>Output Power</b>	4A@12V and 6A@24V DC, 250W maximum combined output power Outputs: Continuous (DC1) Resettable (DC2) 120 mV output voltage ripple System Efficiency: 87%   System BTU Rating: 99 BTU/Hr
<b>Battery Charging</b>	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
<b>Supervision</b>	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
<b>Visual Indicators</b>	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
<b>Regulatory Compliance</b>	UL294 and 1076 Class 2 FCC CSFM
<b>Physical Dimensions</b>	Enclosure: 20.00H x 16.00W x 4.50D in. (51.00 x 40.00 x 11.50 cm)

**[lifesafetypower.com](https://lifesafetypower.com)**

(888) 577-2898  
info1@lifesafetypower.com

Specifications subject to change without notice.

© 2022 LifeSafety Power. All rights reserved. LifeSafety Power and FlexPower are registered trademarks of LifeSafety Power. All other trademarks and copyrights are the property of their respective owners.  
P01-565 07/22

**LifeSafety Power**  
10027 S. 51st Street, Suite 102  
Phoenix, AZ 85044 USA  
PH 888-577-2898  
info@lifesafetypower.com