

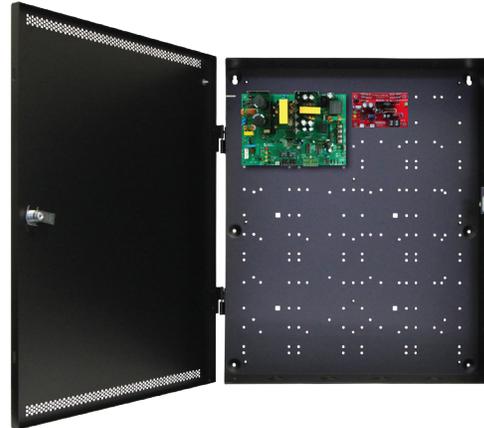
Overview

The FLEXPOWER FP0150-B100E4 is a dual voltage offline power supply-battery charger specifically designed for the lifesafety industry.

The FP0150 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**
 - 6.5" enclosure depth fits 12Ah battery
 - Wire management room
 - Tamper switch, lock, dual key set standard

Lifetime Warranty

| Ordering | Description |
|--|------------------|
| FP0150-B100E4 | 150W (12V & 24V) |
| Enclosure: 24.00H x 20.00W x 6.50D in. | |



Specifications

| | |
|------------------------------|---|
| Input Power | Input 120/230 VAC 50/60 Hz 170 Watts combined power (1.41A) 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) 120 mV output voltage ripple System Efficiency: 87% System BTU Rating: 99 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 |
| Regulatory Compliance | UL294 and 1076 Class 2 FCC CSFM |
| Physical Dimensions | Enclosure: 24.00H x 20.00W x 6.50D in. |

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Specifications subject to change without notice.

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