

Overview

The FLEXPOWER FP0250/250-E12 is a dual voltage offline power supply-battery charger specifically designed for the lifesafety industry. Capable of providing two pairs of outputs, each pair user selectable for 12 or 24 VDC, the unit is configured in a painted, steel, locking enclosure with tamper switch and integral battery space.

One output of a pair provides continuous output power for system use, the second is programmable for either fail-safe or fail-secure operation, activated when the fire alarm disconnect is initiated.

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.

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**
 - 8 auxiliary, fused at 3A each
 - 8 controlled, fused at 3A each
- ◆ **Remote Monitoring & Control option**
 - 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
 - Removeable backplate simplifies instal
 - Pre-defined hole pattern for power section
- ◆ **Other refinements**
 - 4.5" enclosure depth fits 12Ah battery
 - Tamper switch, lock, dual key set standard

Lifetime Warranty



Ordering

FP075/150-E2

Description

225W (12V & 24V)

Enclosure: 20.00H x 16.00W x 4.50D in.



Specifications

Input Power	Input 120/230 VAC 50/60 Hz 225 Watts combined power (1.9A) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	FP075: 12V/6A or 24V/3A 75 Watts FP0150: 12V/12A or 24V/6A 150 Watts 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
Regulatory Compliance	UL294 and 1076 Class 2 FCC CSFM
Physical Dimensions	Enclosure: 20.00H x 16.00W x 4.50D in. (51.00 x 40.00 x 11.50 cm)

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Specifications subject to change without notice.

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