

Overview

The FLEXPOWER FP075/250-E2 is a dual voltage offline power supply-battery charger housed in a large cabinet for expansion and maximum field configuration flexibility.

Each power supply provides 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
- ◆ **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
 - Pre-defined hole pattern for power section
- ◆ **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

FP075/250-E2

Description

325W (12V & 24V) E2 enclosure

Specifications

Input Power	Input 120/230 VAC 50/60 Hz 325 Watts combined power (2.70A) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	FPO75: 12V/6A 75 Watts FPO250: 24V/10A 250 Watts Outputs: Continuous (DC1) Resettable (DC2) 120 mV output voltage ripple System Efficiency: 87% System BTU Rating: 142 BTU/Hr
Battery Charging	Independent built-in charger for sealed lead acid or gel type batteries Charging current: 1A (FPO75), 2A (FPO250) 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, 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. Weight: 18 lbs.



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Specifications subject to change without notice.

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