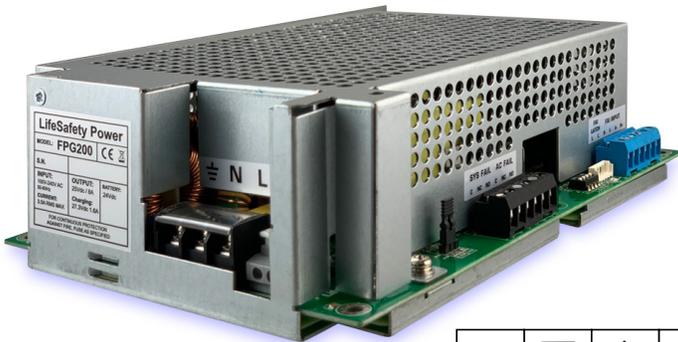


# FLEXPOWER GLOBAL™



## FPG200 | 200W | 8A @ 24VDC

- **Universal Input** global operation
- **FAI** built in Fire Alarm Interface
- **NetLink™** network interface
- **Locksafe™** tight regulation provides longterm lock protection
- **OutSmart™** Bi-color output LED verifies voltage setting
- **SureCharge™** Micro processor controlled battery charger
- **DPM™** RS485 Interface for Distributed Power Monitoring

### Ordering

<b>FPG200-Boxed</b>	Power supply/charger board
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### AGENCY APPROVALS

- CE (Europe)
- UL/ULC (Americas)
- BIS (India)
- PSE (Japan)
- RCM (Australia/NZ)
- IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014
- EN61000-3-3:2013, EN55024:2010 +A1:2015
- ROHS 3 Leadfree

### OVERVIEW

The FPG200 is a universal input offline switchmode power supply-battery charger rated for 8A @ 24 VDC.

Complete fault detection and reporting is via independent AC Fault and System Fault form C relay contacts. A built-in Fire Alarm Interface allows unlocking of doors on a fire alarm condition.

Features:

- **Universal input** global operation
- **Low battery cutoff** protects batteries from deep discharge
- **Dedicated fast charger** prolongs battery life
- **Enhanced surge immunity** for input/output protection
- **Network ready** communicates with NetLink network module locally or via RS485
- **Lifetime Warranty** LifeSafety Power's quality commitment

### SYSTEM SPECIFICATIONS

#### Input:

100 - 240 Vac +/- 10%, 50/60Hz | 275 Watts maximum

#### Output:

8A @ 24VDC

- Overload & short circuit protection with auto-restart
- Bi-color output LED indicates output voltage

#### Battery Backup:

Autoswitch to battery with zero transfer time

- Built in fast charger at 1.6A charge current
- Low power cutoff to prevent battery deep discharge
- Reverse battery protection

#### Supervision:

AC fail, System fault (form "C")

- Low power shutdown when battery voltage too low

#### Visual Indicators:

- AC On, DC output, System Fault, Fire Alarm

#### Mechanical:

- Board: 210L x 140W x 60H mm | 8.25L x 5.5W x 2.4H"
- Removable metal housing

### ELECTRICAL RATINGS

Parameter	Rating
Input Voltage	100 - 240 Vac +/- 10%, 50/60Hz
Input Power (max)	275W   3.5A   Power Factor >0.9
Main Output	8 Amps @ 24VDC
Maximum Charge Current	1.6 Amp / 0.8A Selectable
Low Power Disconnect	at 70% of battery voltage
System BTU/Hr	85
Operating Temperature	-4 to +122F (-20 to +50C)
Efficiency	90% 120VAC 60Hz In, Full Load

## FlexPower Global FPG200 Smart Power Supply/Charger

8 Amps @ 24VDC | FAI | Network ready

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### LifeSafety Power.com

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