WHAT YOU POWER IS IMPORTANT, HOW YOU POWER IT, IS CRITICAL.

Welcome to the new world of intelligent power, courtesy LifeSafety Power.

LifeSafety Power (LSP) is the preeminent manufacturer of intelligent power management solutions. Our focus is to provide the most flexible, predictive and proactive power systems for access control, fire, intrusion and CCTV systems in the industry.
We’ve powered up a new standard of performance.

FlexPower is our award winning product family, that sets a new standard of performance for lifesafety power equipment. FlexPower uses a unique modular design that allows for many system configurations such as single, dual or multi voltage outputs and power distribution, control, or signaling, fire alarm interface with failsafe, failsecure lock control, plus network communication, all of which are standard in one advanced multi-listed system platform.

Modular Mix and Match Flexibility
Industry Leading Innovation
Remote Battery Monitoring
Dual Buss Architecture
Hardened Cybersecurity
Power & Access Integration
Redundant Power Solutions
Network Security and Encryption
LSP Influenced Standards
Third Party (Mercury/SWH) Integration
Technology Partnerships with Access Leaders
Why Power Management?

They say knowledge is power. But for today’s most critical safety and security systems, it’s really the other way around. We drive innovation in power management, with predictive, reliable and flexible solutions that facilitate real time analytics for more functional and secure environmental management. Ideal for conditions where smart power management is essential, our technology monitors the security infrastructure proactively -- spotting problems before they occur for maximum system uptime.

Powerful Proactive Analytics - The industry’s first proactive analytics-based patented technology that identifies and prevents potential power problems to critical security systems before they fail. LSP technology proactively delivers detailed analytics that help manage your system to a healthy optimal performance.

Intelligent Predictive Management - Providing intelligent predictive power management either globally, locally or to each connected device. The patented technology increases the integrity of your power and reduces the need for onsite technicians.

Reliable, High Performance Solutions - Dedicated to ensuring that when customers invest in LifeSafety Power they are receiving the absolute best-in-class, reliable and high performing intelligent products and solutions on the market.

Our commitment is in delivering value and service that enable customers to increase efficiencies, reduce costs and proactively manage the power to critical systems and devices.

We are committed to ensuring that our focus is on supporting you, our customers and partners, with a wide array of innovative and reliable products, enhanced by a network of partnerships and alliances. This commitment also means that all products are backed by the industry’s strongest delivery and response time plus product warranties and agency certifications.

LSP is proud to be the leader in innovative, intelligent power managed solutions, that are used to power critical facilities for millions of customers around the world.
Multi-Site Management  From monitoring your global infrastructure, to monitoring the security system that opens the doors just outside your office, you can get the same level of detailed, proactive information at any level, all from one powerful platform. From specific devices, to local systems, to worldwide enterprises, managed power is essential to keeping mission critical applications secure and reliable.
FLEXPOWER Sets a New Standard of Performance
with industry leading features, standard on every power supply

Network / PC interface
Power supply programming, remote monitoring, reporting, and control

Independent Charging Circuit
Meets new UL294 output tolerance requirements
Monitors charge to prolong battery life

Multi-listed
One power supply meets all low voltage needs

Standard Fuses
ATM style, easy to find and service

Multiple DC Outputs
with TruWatt® power that follows Ohms Law

Field selectable input range
120VAC / 230VAC

State-of-the-art Fault Reporting
Programmable AC & system fault alert delays reduce nuisance central station alarms

Fire Alarm Interface
Operate door holders or other equipment directly from the PS

Output Control
Manage lock release through FAI drop
Reset outputs with network option

Design with Confidence
All LSP power systems carry a Lifetime Warranty and are agency listed to stringent industry standards

UL 294 / UL 603 / UL 1076 / ULC S318 / ULC S319 / BIS
CE | FCC Part 15, Subpart B | CSFM Approved
Award Winning OUTSMART™ Technology

Color Changing Output Voltage LED confirms voltage setting
Blue (24VDC), Green (12VDC)

All Power Supplies

FPO150
FPO75
FPO250
B100

All Distribution Boards

Auxiliary
Lock control
Fire Drop

D8
C4
F8
D8P
C4P
F8P

Lock control
Managed control

C8
C8P
M8
M8P
# FLEXPower® Modular Power Management System

## The Building Blocks - Power and Distribution Boards

### FLEXPower® Power Supplies

<table>
<thead>
<tr>
<th>Model Number</th>
<th>12VDC</th>
<th>24VDC</th>
<th>Total Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP075</td>
<td>6A</td>
<td>3A</td>
<td>75 Watts</td>
</tr>
<tr>
<td>FP0150</td>
<td>12A</td>
<td>6A</td>
<td>150 Watts</td>
</tr>
<tr>
<td>FP0250</td>
<td>20A</td>
<td>10A</td>
<td>250 Watts</td>
</tr>
<tr>
<td>B100</td>
<td>Secondary voltage power supply 5–18VDC output @4A max, class 2 power limited</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Industry Leading Features

- US/Canada UL294/UL603 | CE compliant
- 110 / 208 / 230 VAC operation
- Switched and resettable outputs
- Intelligent battery charging and monitoring
- Complete fault supervision
- Thermal overload protection
- Network Ready
- Lifetime Warranty

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### Smart Management Modules

- **NL2**: network module, 2 port – remotely monitor power, control devices test battery, generate email / SNMP fault alerts
- **NL4**: network module, 4 port – remotely monitor power, control devices test battery, generate email / SNMP fault alerts
- **M8**: 8 managed relay outputs – manage, monitor, and control 8 inputs, 8 outputs, program variable fault conditions
- **NLR**: ac remote reset – remote power cycle FPA outputs for CCTV reset

For Class 2 power limited version order M8P. M8 and M8P require the NL4 network module.

### FLEXConnect® Dual Buss Distribution Architecture

- **24V**
  - **24V buss 1**
  - **12V buss 2**
  - Jumper sets output and bi-color LED confirms voltage
  - Dual voltage example: FPO 24V on Buss1, B100 12V on Buss2

### Lock Control Modules - Dual buss Distribution

- **C4**: 4 lock outputs – access control / 4 locks, field programmable
- **C8**: 8 lock outputs – access control / 8 locks, field programmable
- **F8**: 8 fire drop outputs – auxiliary power or fire drop per output with fail safe, fail secure select, field programmable

For Class 2 power limited version order C4P, C8P, F8P.

### Auxiliary Output Modules - Dual buss Distribution

- **D8**: 8 DC outputs – auxiliary power or fire drop select per output, 12 or 24V DC per output (in dual voltage systems)
- **A8**: 8 AC outputs – 24 or 28V AC select per output, field programmable
- **N24**: NAC power extender – 2 in, 4 out NAC power

For Class 2 power limited version order D8P, A8P.

### Standard Enclosures

<table>
<thead>
<tr>
<th>Description</th>
<th>H x W x D</th>
</tr>
</thead>
<tbody>
<tr>
<td>good for single voltage with some room for accessory modules</td>
<td>14 x 12 x 4.5 in.</td>
</tr>
<tr>
<td>good for single/dual voltage with more room for accessory modules</td>
<td>20 x 16 x 4.5 in.</td>
</tr>
<tr>
<td>good for single/dual voltage with most room for accessory modules</td>
<td>24 x 20 x 6.5 in.</td>
</tr>
<tr>
<td>good for single voltage with least room for accessory modules</td>
<td>8.5 x 11 x 3.0 in.</td>
</tr>
</tbody>
</table>

### Unified Power Enclosures

<table>
<thead>
<tr>
<th>Description</th>
<th>H x W x D</th>
</tr>
</thead>
<tbody>
<tr>
<td>integrates power and Mercury/Lenel PoE controller</td>
<td>8.5 x 11 x 3.0 in.</td>
</tr>
<tr>
<td>integrates power and one to two doors Mercury/Lenel or VertX</td>
<td>14 x 12 x 4.5 in.</td>
</tr>
<tr>
<td>integrates power and two to four doors Mercury/Lenel or VertX</td>
<td>20 x 16 x 4.5 in.</td>
</tr>
<tr>
<td>integrates power and six doors Paxton, Honeywell, Brivo or eight doors Mercury, VertX, SWH, AMAG</td>
<td>24 x 20 x 6.5 in.</td>
</tr>
<tr>
<td>integrates power and eight to sixteen doors Mercury, VertX, AMAG, Software House</td>
<td>24 x 20 x 6.5 in.</td>
</tr>
<tr>
<td>integrates power and eight to sixteen doors Mercury, AMAG, Software House</td>
<td>30 x 23 x 6.5 in.</td>
</tr>
<tr>
<td>integrates power and eight to sixteen doors Honeywell, (12) doors Mercury, (16) SWH, AMAG, Brivo, Paxton, Vertx</td>
<td>36 x 30 x 6.5 in.</td>
</tr>
<tr>
<td>integrates power and twelve to sixteen doors Mercury, Honeywell, Brivo</td>
<td>36 x 30 x 6.5 in.</td>
</tr>
</tbody>
</table>