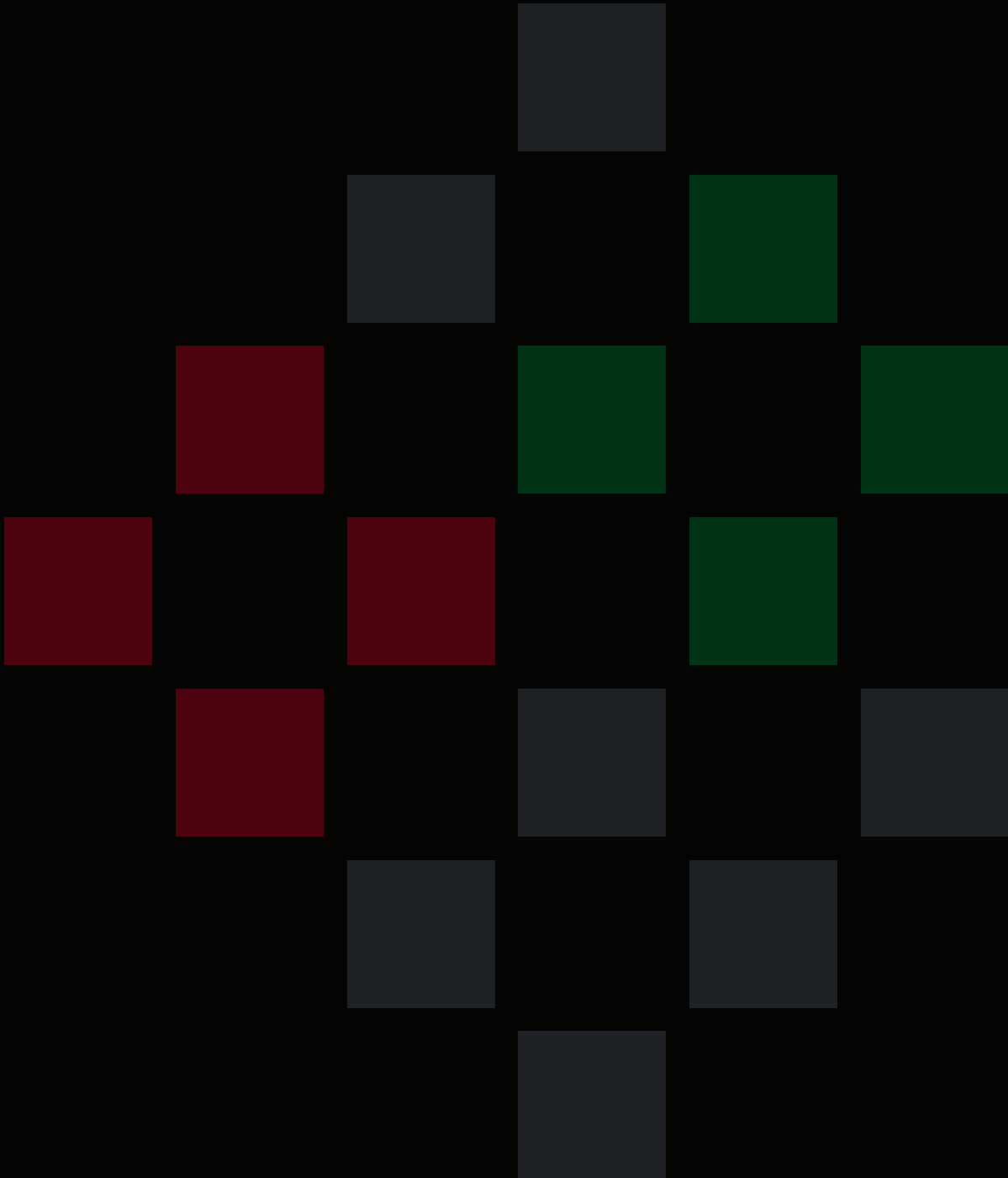


# LifeSafety Power

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## 2024 Product Catalog



**LifeSafety Power: the global leader  
in intelligent, networked power.**



**FLEXPOWER®**

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

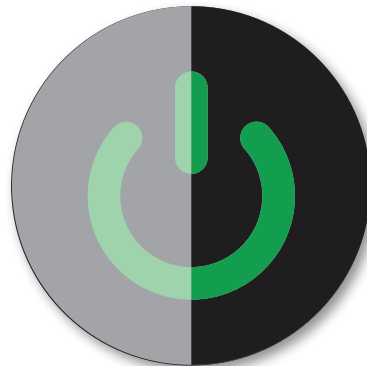
Power & Access Integration

Redundant Power Solutions

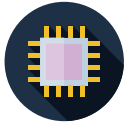
Network Security and Encryption

ProWire® Factory Wiring Service

Integrations with Industry Leaders



The phrase **“Mission Critical”** is associated by most people with the military. In the security industry where systems are responsible for saving lives and property, Mission Critical operation is our fundamental philosophy.



**Technology**



**Commercial**



**Government**



**Medical**



**Banking**



**Education**

In industries where security and reliability truly matter, **POWER** is the most critical platform of any system.

## **Managed Power: For Maximum System Uptime and Reliability.**

### **DETECT**

- Abnormal system operation
- AC or DC power loss
- Failing locks or devices
- Compromised batteries

### **REPORT**

- Real time notification
- Trend analysis
- Battery condition
- Event history log

### **ASSESS**

- Remotely analyze the problem
- Diagnose the condition
- Determine a solution
- Resolve the Situation

### **RESPOND**

- Respond proactively BEFORE a failure
- Dispatch with confidence, speed and accuracy

**AC FAIL** SYSTEM INTERRUPTION  
fault diagnosis power cycle  
**LOW BATTERY**  
door compromised no backup time  
**FAIL SECURE** device reboot  
CRITICAL DOWN TIME trouble alert



# **Not just current.**

# **Current information.**

# FLEXPOWER Sets a New Standard of Performance

with industry leading features, standard on every power supply



### Network Interface Option

Power supply programming, remote monitoring, reporting, and control

### Smart Charger

Recharges batteries 50% faster  
Monitors charge to prolong battery life

### 12/24V Select

TruWatt® design  
Double current 12V setting

### Field selectable input range

120VAC or 208-230VAC

### OutSmart™

Color changing output LED  
Visual voltage verification  
blue 24V | green 12V

### Polarized AC Disconnect

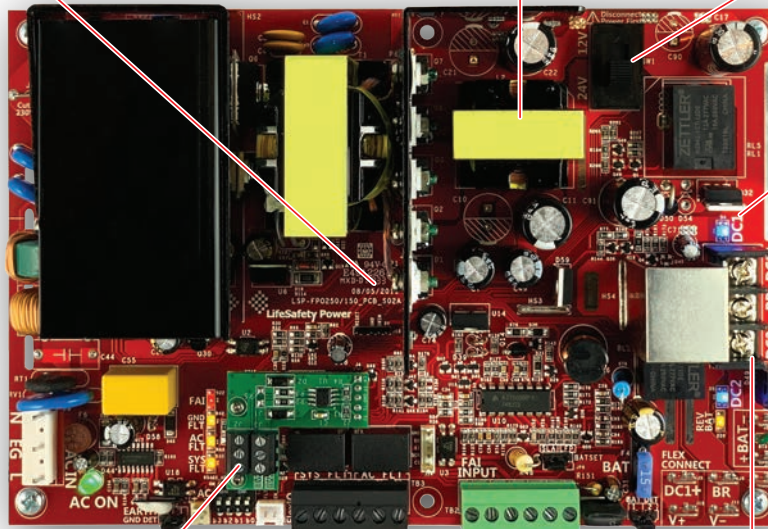
Safety feature for field servicing

### Multiple DC Outputs

with TruWatt® power that follows Ohms Law

### Standard Fuses

ATM style, easy to find and service



### RS485 Communication

Remotely monitor up to 12 LSP power supplies through a single IP drop

### Fault Reporting | Fire Alarm Interface

Programmable AC & system fault alert delays  
Fire interface to unlock egress doors or operate door holders directly from the power supply

### Output Control

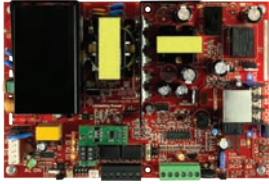
Manage lock release through FAI drop  
Reset outputs with network option



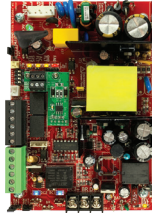
UL294, UL2610 | ULC S319 | CSA C22.2 #107.1 | FCC Part 15 | CSFM  
IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014  
EN61000-3-3:2013, EN55024:2010 +A1:2015  
UL | CE | CSA | BIS | UKCA | NOM | RCM | PSE

## Power Supplies

FPO | 120 208 230VAC



FPO150  
FPO250



FPO75

12V DC



B100

FPG | Universal Input VAC



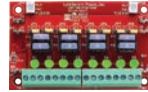
FPG100  
FPG200



FPG50

## Distribution Boards

Auxiliary



D8

Lock control

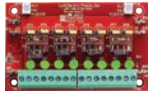


C4

Fire drop



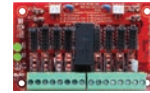
F8



D8P

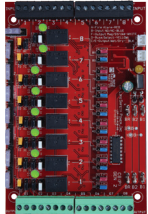


C4P



F8P

Lock control



C8

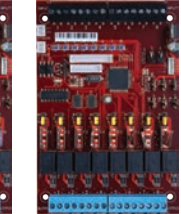


C8P

Managed control



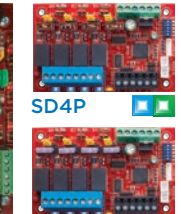
M8



M8P



SD16



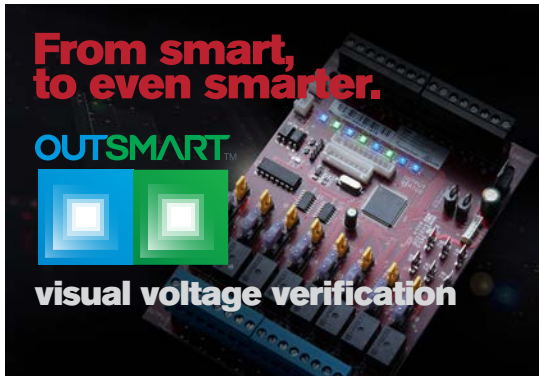
SD4P

SD4

SD4

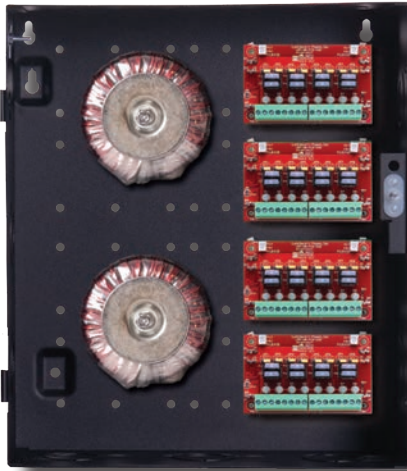
## OUTSMART™ Visual Voltage Verification

Color changing output voltage LED confirms voltage setting



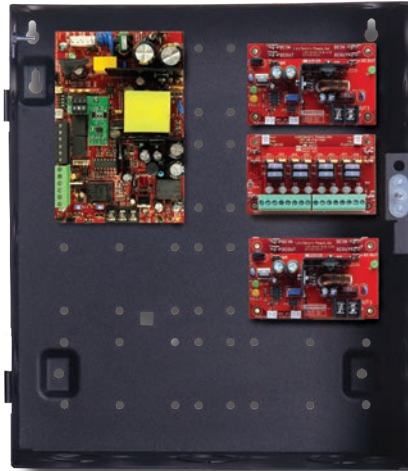
## Typical System Configurations

FPA - AC Power



- CCTV
- Security

FPO - DC Power



- Fire
- Security / Access
- Mass Notification

FPX - AC & DC Power



- CCTV
- Access / Security
- Mass Notification



## Industry Leading Innovation

LSP Features Vs Industry	Altronix / Honeywell				
	FlexPower	xx400	xx600	xx1012	xx1024
Network monitoring and control	●				
TruWatt® Power (2x current at 12V setting)	●				
Independent charging circuit	●				
Dual buss distribution system	●				
120 or 230VAC operation	●				
AC and system fault reporting	●	●	●	●	●
US and Canada life safety listings	●				

**FLEXPOWER Unified Power Solutions®**



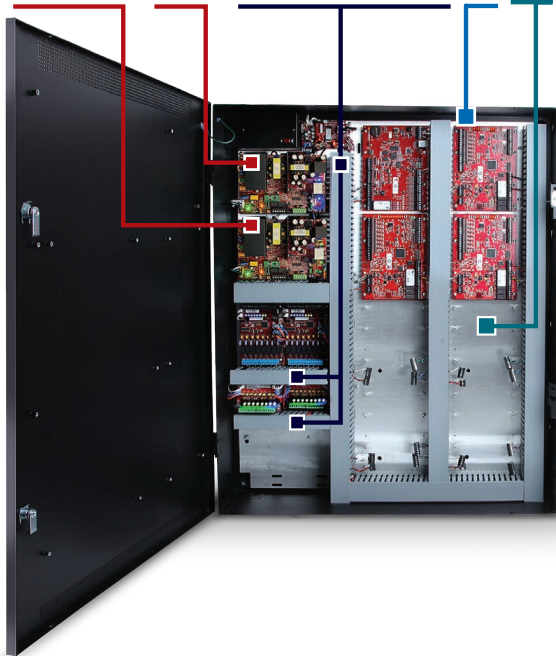
**FLEXPOWER**  
PART NUMBER DECODER

<b>FPO XXX / XXX</b>	<b>XX CC DD MM</b>	<b>E X X</b>	<b>XX</b>	<b>/E</b> <small>(for 230VAC)</small>												
<b>POWER SUPPLIES</b>	<b>ACCESSORY OPTIONS</b>	<b>ENCLOSURE</b>	<b>BACKPLATE</b>													
<p><small>UL Series 120 or 230 VAC</small></p> <p><b>FPO75</b> 75W 6A/12VDC or 3A/24VDC</p> <p><b>FPO150</b> 150W 12A/12VDC or 6A/24VDC</p> <p><b>FPO250</b> 250W 20A/12VDC or 10A/24VDC</p> <p><small>single voltage: FPO150 dual voltage: FPO150/250</small></p> <p><small>International Series 85-265 VAC</small></p> <p><b>FPG50</b> 50W 2A/12VDC or 2A/24VDC</p> <p><b>FPG100</b> 100W 8A/12VDC or 4A/24VDC</p> <p><b>FPG200</b> 200W 8A/24VDC</p>	<p><b>B100</b> Secondary voltage, 5-18VDC @ 4A</p> <p><b>C4</b> Lock control distribution, 4 out</p> <p><b>C8</b> Lock control distribution, 8 out</p> <p><b>D8</b> Auxiliary distribution, 8 out</p> <p><b>F8</b> FAI distribution, 8 out</p> <p><b>M8</b> Managed lock control, 8 out (requires NL)</p> <p><b>SD4</b> Managed auxiliary, 4 out (requires NL)</p> <p><b>SD16</b> Managed auxiliary, 16 out (requires NL)</p> <p><b>NL4</b> Four port network module</p> <p><b>NLX</b> Eight port network module w/ RS485</p>	<p><b>E5</b> 8.5H" x 11W" x 3D"</p> <p><b>E1</b> 14H" x 12W" x 4.5D"</p> <p><b>E2</b> 20H" x 16W" x 4.5D"</p> <p><b>E4</b> 24H" x 20W" x 6.5D"</p> <p><b>E6</b> 30H" x 23W" x 6.5D"</p> <p><b>E8</b> 36H" x 30W" x 6.5D"</p> <p><b>E12</b> 48H" x 36W" x 8.0D"</p>	<table border="0"> <tr> <td><b>A</b> AMAG</td> <td><b>S</b> SWH</td> </tr> <tr> <td><b>B</b> BRIVO</td> <td><b>SP</b> SIEMENS</td> </tr> <tr> <td><b>G</b> GALLAGHER</td> <td><b>V</b> HID AERO</td> </tr> <tr> <td><b>H</b> HONEYWELL</td> <td><b>X</b> AXIS</td> </tr> <tr> <td><b>M</b> MERCURY</td> <td><b>Z</b> ZKTECO</td> </tr> <tr> <td><b>P</b> PAXTON</td> <td></td> </tr> </table> <p><small>"I" after letter for door mount (select backplates only)</small></p>		<b>A</b> AMAG	<b>S</b> SWH	<b>B</b> BRIVO	<b>SP</b> SIEMENS	<b>G</b> GALLAGHER	<b>V</b> HID AERO	<b>H</b> HONEYWELL	<b>X</b> AXIS	<b>M</b> MERCURY	<b>Z</b> ZKTECO	<b>P</b> PAXTON	
<b>A</b> AMAG	<b>S</b> SWH															
<b>B</b> BRIVO	<b>SP</b> SIEMENS															
<b>G</b> GALLAGHER	<b>V</b> HID AERO															
<b>H</b> HONEYWELL	<b>X</b> AXIS															
<b>M</b> MERCURY	<b>Z</b> ZKTECO															
<b>P</b> PAXTON																

*For class II power limited add "P" to pn: C4P, C8P, D8P, F8P, M8P, SD4P*  
*Note: SD16 is class II power limited and does not require a "P" in pn*  
*Add number for multiple modules in system 3D8 2M8P 2B100*



**FPO150 / 250 - 3D8P 2M8 NL4 E8 M2**



**PART NUMBER KEY**

Desired FPO power supply is inserted into the model number as "FPOxxx"

Multiple supplies are entered with a slash between variants i.e. FPO75/150

Multiples of the same accessory module are preceded by the quantity:

D8 = one D8 module for 8 outputs  
 2D8 = two D8 modules for 16 outputs

**EXAMPLE**

**FPO150 / 250 - 3D8P 2M8 NL4 E8M2**

FPO150 - first power supply (typically 12V)  
 FPO250 - second power supply (typically 24V)  
 3 (three) D8P modules for 24 auxiliary outputs  
 2 (two) M8 modules for 16 managed outputs  
 NL4 Network module  
 E8M2 - E8 (36 x 30 enclosure) with Mercury backplate



*FlexPower is a modular system. This catalog contains a sample of popular configurations but many other models are possible. Visit [www.LifeSafetyPower.com](http://www.LifeSafetyPower.com) or contact the factory for options*

### Award Winning Power Supplies

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

### Industry Leading Features



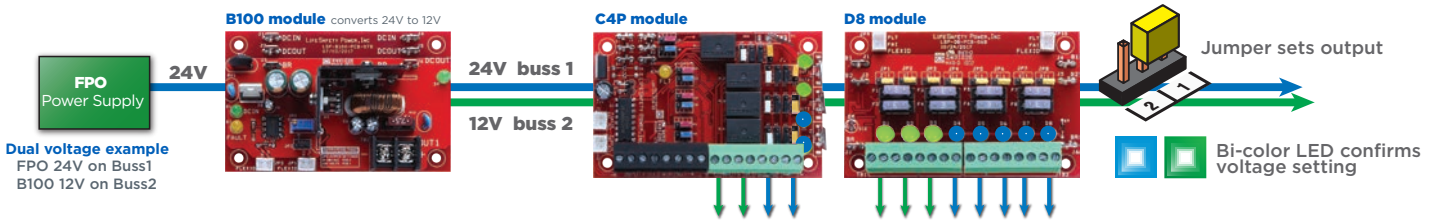
- US/Canada UL294/UL603 | CE compliant
- 110 / 208 / 230 VAC operation
- Switched and resettable outputs
- Intelligent battery charging and monitoring
- Complete fault supervision
- Thermal overload protection
- **Network ready | Lifetime Warranty**

### Smart Management Modules

### Applications

<b>NL4, NLX</b>	Network modules: 4 port, 8 port with RS485	remotely monitor PSU, remote battery test, cycle output, generate email / SNMP fault alerts
<b>M8</b>	8 managed relay lock outputs	manage, monitor, and control 8 inputs, 8 relay controlled outputs, user programmable fault limits
<b>SD4, SD16</b>	4, 16 managed auxiliary outputs	manage, monitor and remote reset auxiliary outputs, user programmable fault limits

### FlexPower Distribution Modules - Unique Dual Buss Architecture



### Lock Control Modules - Dual buss Distribution

### Applications

<b>C4</b>	4 lock outputs	access control / 4 locks, field programmable
<b>C8</b>	8 lock outputs	access control / 8 locks, field programmable
<b>F8</b>	8 fire drop outputs	auxiliary power or fire drop per output with failsafe, failsecure select, field programmable

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

### Auxiliary Output Modules - Dual buss Distribution

### Features

<b>D8</b>	8 DC outputs	auxiliary power or fire drop select per output, 12 or 24V DC per output (in dual voltage systems)
<b>A8</b>	8 AC outputs	24 or 28V AC select per output, field programmable

*For Class 2 power limited version order D8P, A8P*

### Traditional Enclosures

### H x W x D

### Description

<b>E1</b>	14 x 12 x 4.5 in.	good for single voltage with <i>some</i> room for accessory modules
<b>E2</b>	20 x 16 x 4.5 in.	good for single/dual voltage with <i>more</i> room for accessory modules
<b>E4</b>	24 x 20 x 6.5 in.	good for single/dual voltage with <i>most</i> room for accessory modules
<b>E5</b>	8.5 x 11 x 3.0 in.	good for single voltage with <i>least</i> room for accessory modules

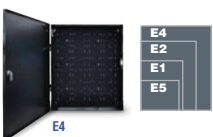
### Unified Power Enclosures / Backplates

### H x W x D

Backplate integrates power modules and controller from the following access companies

<b>E5 M</b>	8.5 x 11 x 3.0 in.	<b>1DR</b> Mercury PoE controller
<b>E1 M/V</b>	14 x 12 x 4.5 in.	<b>1-2DR</b> Mercury, Vertx/Aero
<b>E2 K/H/M/P/S/V/X   E2M1</b>	20 x 16 x 4.5 in.	<b>2-4DR</b> Kantech, Honeywell, Mercury, Paxton, Software House, Vertx/Aero, AXIS
<b>E4 A/B/G/H/I/K/M/OP/P/S/V/X/ZK</b>	24 x 20 x 6.5 in.	<b>6DR Paxton 4-12DR</b> Honeywell, ZKTeco <b>8DR</b> Amag, Brivo, Gallagher, Identiv, Kantech, Mercury, Openpath, Software House, Vertx/Aero, AXIS
<b>E4x1 H1/M1/V1</b>	24 x 20 x 6.5 in.	<b>12DR</b> Honeywell   <b>8-16DR</b> Mercury, Vertx/Aero
<b>E6 A/B/G/H/K/M/N/OP/P/SP/S/V/ZK   E6x1 A1/M1/S1</b>	30 x 23 x 6.5 in.	<b>8-16DR</b> Amag, Brivo, Gallagher, Honeywell, Kantech, Mercury, Napco, Openpath, Paxton, Siemens, Software House, Vertx/Aero, ZKTeco
<b>E8 A/B/G/H/M/P/SP/S/V</b>	36 x 30 x 6.5 in.	<b>12DR</b> Honeywell, Mercury   <b>16DR</b> Amag, Brivo, Gallagher, Napco, Paxton, Siemens, SWH, Vertx/Aero
<b>E8x1 B1/H1/M1</b>	36 x 30 x 6.5 in.	<b>12-16DR</b> Brivo, Honeywell, Mercury
<b>E8 M2</b>	36 x 30 x 6.5 in.	<b>16DR</b> Mercury
<b>E12 H/M/S</b>	48 x 36 x 8.0 in.	<b>24DR</b> Honeywell, Mercury   <b>32DR</b> Software House

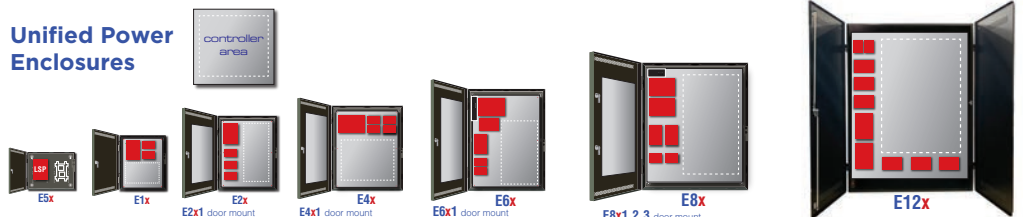
### Traditional Enclosures



### Relative Enclosure Sizes



### Unified Power Enclosures





Industry Cross - Power	4A Power	4A Lock Power	6A Power	6A Lock Power
	FPO75-E1	FPO75-C8E1	FPO150-E1	FPO150-C8E1
Altronix ALX	AL400ULX	AL400ULACM	AL600ULX	AL600ULACM
Altronix eFLOW	eFLOW4N	eFLOW4N ACM8	eFLOW6N, eFLOW102N	eFLOW6N ACM8
Honeywell Power	HP400ULX	HP400ULACM8	HP600ULX	HP600ULACM8

### Industry Cross - Outputs

LSP FlexPower	FlexPower Rating	Altronix
---------------	------------------	----------

#### 8 lock outputs

FPO75-C8E1	6A/12V or 3A/24V	AL400ULACM
FPO150-C8E1	12A/12V or 6A/24V	AL600ULACM, AL1012ULACM
FPO250-C8E2	20A/12V or 10A/24V	AL400ULACM

#### 8 or 16 distributed outputs

FPO75-D8E1	FPO75-2D8E1	6A/12V or 3A/24V	AL400ULXPD4,8	AL400ULXPD16
FPO150-D8E1	FPO150-2D8E1	12A/12V or 6A/24V	AL600ULXPD4,8	AL600ULXPD16
FPO250-D8E1	FPO250-2D8E1	20A/12V or 10A/24V	AL1024ULXPD4,8	AL1024ULXPD16

## LSP Traditional Power Systems

Model	Power	Current / Voltage	Main Outputs		Description	Enclosure
			Switched	Continuous		
<i>Small Enclosure</i>						
FPO75-E1	75W	6A/12V or 3A/24V	1	1	75W Power Supply / Enclosure	14H x 12W x 4.5D
FPO150-E1	150W	12A/12V or 6A/24V	1	1	150W Power Supply / Enclosure	14H x 12W x 4.5D
FPO250-E1	250W	20A/12V or 10A/24V	1	1	250W Power Supply / Enclosure	14H x 12W x 4.5D
<i>Medium Enclosure</i>						
FPO75-E2	75W	6A/12V or 3A/24V	1	1	75W Power Supply / Enclosure	20H x 16W x 4.5D
FPO150-E2	150W	12A/12V or 6A/24V	1	1	150W Power Supply / Enclosure	20H x 16W x 4.5D
FPO250-E2	250W	20A/12V or 10A/24V	1	1	250W Power Supply / Enclosure	20H x 16W x 4.5D
<i>Large Enclosure</i>						
FPO75-E4	75W	6A/12V or 3A/24V	1	1	75W Power Supply / Enclosure	24H x 20W x 6.5D
FPO150-E4	150W	12A/12V or 6A/24V	1	1	150W Power Supply / Enclosure	24H x 20W x 6.5D
FPO250-E4	250W	20A/12V or 10A/24V	1	1	250W Power Supply / Enclosure	24H x 20W x 6.5D

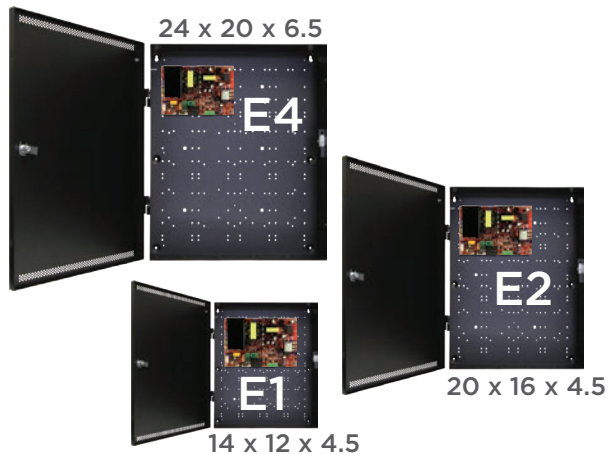
### System Power



### Access Lock Power



### Power Enclosures



### Single Voltage, 8 and 16 Outputs

Model	Power	Current / Voltage	Main Outputs		Description	E1 Enclosure
			Main	Aux		
<b>8 Outputs</b>						
FPO75-D8E1	75W	6A/12V or 3A/24V	2	8	75W, 8 auxiliary outputs	14H x 12W x 4.5D
FPO150-D8E1	150W	12A/12V or 10A/24V	2	8	150W, 8 auxiliary outputs	14H x 12W x 4.5D
FPO250-D8E1	250W	20A/12V or 10A/24V	2	8	250W, 8 auxiliary outputs	14H x 12W x 4.5D
<b>16 Outputs</b>						
FPO150-2D8E1	150W	12A/12V or 10A/24V	2	16	150W, 16 auxiliary outputs	14H x 12W x 4.5D
FPO250-2D8E1	250W	20A/12V or 10A/24V	2	16	250W, 16 auxiliary outputs	14H x 12W x 4.5D

For Class 2 power limited outputs order as D8P, 2D8P

Eight Outputs



Sixteen Outputs



### Dual Voltage, 8 and 16 Outputs

Model	Power	Current / Voltage	Main Outputs		Description	E2 Enclosure
			Main	Aux		
<b>8 Outputs</b>						
FPO75/75-D8E2	150W	6A/12V & 3A/24V	4	8	150W, 8 auxiliary outputs	20H x 16W x 4.5D
FPO75/150-D8E2	225W	6A/12V & 6A/24V	4	8	225W, 8 auxiliary outputs	20H x 16W x 4.5D
FPO150/250-D8E2	400W	12A/12V & 10A/24V	4	8	400W, 8 auxiliary outputs	20H x 16W x 4.5D
FPO250/250-D8E2	500W	20A/12V & 10A/24V	4	8	500W, 8 auxiliary outputs	20H x 16W x 4.5D
<b>16 Outputs</b>						
FPO75/75-2D8E2	150W	6A/12V & 3A/24V	4	16	150W, 8 auxiliary outputs	20H x 16W x 4.5D
FPO150/250-2D8E2	400W	12A/12V & 10A/24V	4	16	400W, 8 auxiliary outputs	20H x 16W x 4.5D
FPO250/250-2D8E2	500W	20A/12V & 10A/24V	4	16	500W, 8 auxiliary outputs	20H x 16W x 4.5D

For Class 2 power limited outputs order as D8P, 2D8P

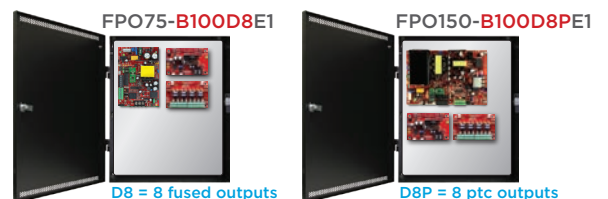
### Dual Voltage Single Battery FPO/B100 Systems

Model	Power	Current / Voltage	Main Outputs		Description	Enclosure
			Switched	Continuous		
FPO75-B100E1	75W	2A/12V & 2A/24V	2	2	75W, Economical 12V&24V	12H x 14W x 4.5D
FPO150-B100E1	150W	4A/12V & 4A/24V	2	2	150W, Economical 12V&24V	12H x 14W x 4.5D

12 and 24V



12 and 24V with 8 auxiliary outputs



2A/12V 2A/24V

4A/12V 4A/24V

4A/12V 8A/24V

D8 = 8 fused outputs

D8P = 8 ptc outputs

### Single Voltage, Lock Control

Model	Power	Current / Voltage	Main Outputs		Description	Enclosure
			Main	Lock		
<i>8 outputs</i>						
FPO75-C8E2	75W	6A/12V or 3A/24V	2	8	75W, 8 lock outputs	20H x 16W x 4.5D
FPO150-C8E2	150W	12A/12V or 6A/24V	2	8	150W, 8 lock outputs	20H x 16W x 4.5D
FPO250-C8E2	250W	20A/12V or 10A/24V	2	8	250W, 8 lock outputs	20H x 16W x 4.5D
<i>16 outputs</i>						
FPO75-2C8E2	75W	6A/12V or 3A/24V	2	16	75W, 16 lock outputs	20H x 16W x 4.5D
FPO150-2C8E2	150W	12A/12V or 6A/24V	2	16	150W, 16 lock outputs	20H x 16W x 4.5D
FPO250-2C8E2	250W	20A/12V or 10A/24V	2	16	250W, 16 lock outputs	20H x 16W x 4.5D

For Class 2 power limited outputs order as -C8PE2, -2C8PE2

### Dual Voltage, Lock Control

Model	Power	Current / Voltage	Main Outputs		Description	Enclosure
			Main	Lock		
<i>16 outputs</i>						
FPO75/250-2C8E2	225W	6A/12V or 3A/24V & 12A/12V or 6A/24V	4	16	225W, 16 lock outputs	20H x 16W x 4.5D
FPO150/250-2C8E2	400W	12A/12V or 6A/24V & 20A/12V or 10A/24V	4	16	400W, 16 lock outputs	20H x 16W x 4.5D

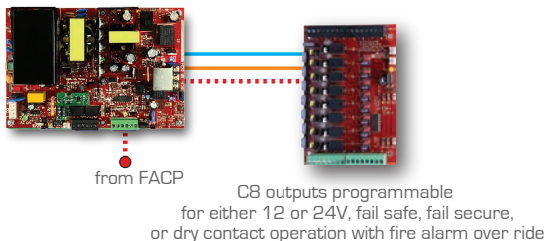
For Class 2 power limited outputs order as -2C8PE2

### Single Voltage, FAI Control

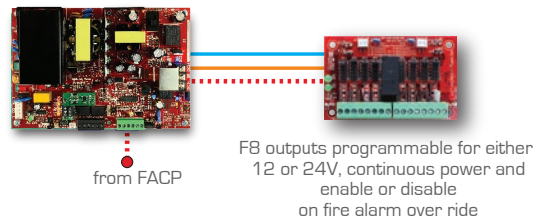
Model	Power	Current / Voltage	Main Outputs		Description	Enclosure
			Main	FAI		
<i>8 outputs</i>						
FPO75-F8E1	75W	6A/12V or 3A/24V	2	8	75W, 8 egress control outputs	14H x 12W x 4.5D
FPO150-F8E1	150W	12A/12V or 6A/24V	2	8	150W, 8 egress control outputs	14H x 12W x 4.5D
FPO250-F8E1	250W	20A/12V or 10A/24V	2	8	250W, 8 egress control outputs	14H x 12W x 4.5D
FPO250-2F8E2	250W	20A/12V or 10A/24V	2	16	250W, 16 egress control outputs	20H x 16W x 4.5D

For Class 2 power limited outputs order as -F8PE1, -2F8PE2

#### C8 door lock control



#### F8 door egress with access control system



## Dual Voltage, Expandable Systems

Model	Max Power	Current / Voltage	Main Outputs		Distribution Expansion	E2 Enclosure
			Switched	Continuous		
<i>E2 Expandable System</i>						
FPO75/75-E2	150W	6A/12V & 3A/24V	2	2	Up to 48 Outputs	20H x 16W x 4.5D
FPO75/150-E2	225W	6A/12V & 6A/24V	2	2	Up to 48 Outputs	20H x 16W x 4.5D
FPO150/250-E2	400W	12A/12V & 10A/24V	2	2	Up to 48 Outputs	20H x 16W x 4.5D
FPO250/250-E2	500W	20A/12V & 10A/24V	2	2	Up to 48 Outputs	20H x 16W x 4.5D
<i>E4 Expandable System</i>						
FPO75/75-E4	150W	6A/12V & 3A/24V	2	2	Up to 128 Outputs	24H x 20W x 6.5D
FPO75/150-E4	225W	6A/12V & 6A/24V	2	2	Up to 128 Outputs	24H x 20W x 6.5D
FPO150/250-E4	400W	12A/12V & 10A/24V	2	2	Up to 128 Outputs	24H x 20W x 6.5D
FPO250/250-E4	500W	20A/12V & 10A/24V	2	2	Up to 128 Outputs	24H x 20W x 6.5D

### E2 Expansion



### E4 Expansion



### Expansion Options

- MULTI VOLTAGE
- LOCK/EGRESS CONTROL
- AUXILIARY DISTRIBUTION
- NETWORK MONITORING

B100



C4



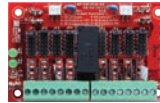
C8



D8



F8



NL4



M8



SD16



NLX



SD4



### 4 Door Single Voltage, Access Control

Model	Power	Current / Voltage	Main Outputs		Description	Enclosure
			Lock	Aux		
<i>4 lock outputs</i>						
FPO75-C4E1	75W	6A/12V or 3A/24V	4		75W, 4 lock outputs	14H x 12W x 4.5D
FPO150-C4E1	150W	12A/12V or 6A/24V	4		150W, 4 lock outputs	14H x 12W x 4.5D
FPO250-C4E1	250W	20A/12V or 10A/24V	4		250W, 4 lock outputs	14H x 12W x 4.5D
<i>4 lock and 8 auxiliary outputs</i>						
FPO75-C4D8E1	75W	6A/12V or 3A/24V	4	8	75W, 4 lock, 8 aux outputs	14H x 12W x 4.5D
FPO150-C4D8E1	150W	12A/12V or 6A/24V	4	8	150W, 4 lock, 8 aux outputs	14H x 12W x 4.5D
FPO250-C4D8E1	250W	20A/12V or 10A/24V	4	8	250W, 4 lock, 8 aux outputs	14H x 12W x 4.5D

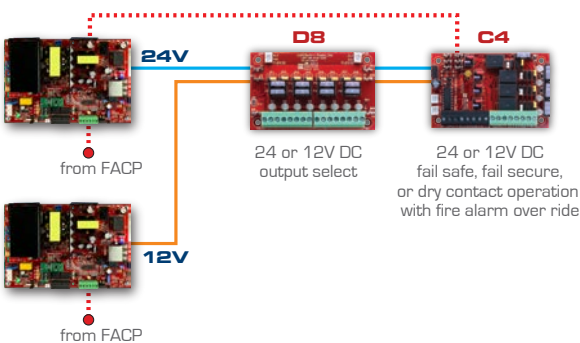
For Class 2 power limited outputs order as -C4PE1, -C4PD8PE1. Note: "C4D8E1" configurations may require battery mounted in sideways

### 4 Door Dual Voltage, Access Control

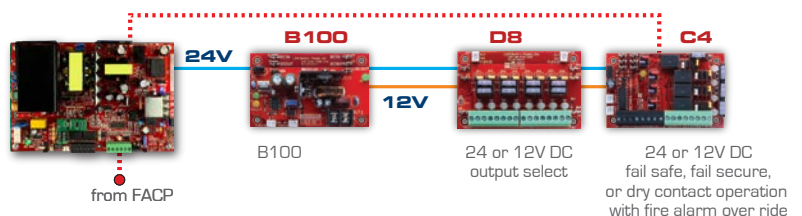
Model	Power	Current / Voltage	Main Outputs		Description	Enclosure
			Lock	Aux		
<i>4 lock and 8 auxiliary outputs</i>						
FPO75/75-C4D8E2	150W	6A/12V or 3A/24V (X2)	4	8	150W, 4 lock, 8 aux outputs	20H x 16W x 4.5D
FPO75/150-C4D8E2	225W	6A/12V or 3A/24V & 12A/12V or 6A/24V	4	8	225W 4 lock, 8 aux outputs	20H x 16W x 4.5D
FPO250/250-C4D8E2	400W	12A/12V or 6A/24V & 20A/12V or 10A/24V	4	8	400W, 4 lock, 8 aux outputs	20H x 16W x 4.5D
<i>4 lock and 8 auxiliary outputs (single battery set)</i>						
FPO75-B100C4D8E2	75W	2A/12V and 2A/24V	4	8	75W, 4 lock, 8 aux outputs	20H x 16W x 4.5D
FPO150-B100C4D8E2	150W	4A/12V and 4A/24V	4	8	150W, 4 lock, 8 aux outputs	20H x 16W x 4.5D
FPO250-B100C4D8E2	250W	4A/12V and 8A/24V	4	8	250W, 4 lock, 8 aux outputs	20H x 16W x 4.5D

For Class 2 power limited outputs order as -C4PD8PE2

#### 4 Door Dual Voltage



#### 4 Door Dual Voltage - single battery



**8 Door Single / Dual Voltage, Access Control**

Model	Power	Current / Voltage	Main Outputs		Description	Enclosure
			Lock	Aux		
<i>Single Voltage - 8 lock and auxiliary outputs</i>						
FPO75-C8D8E1	75W	6A/12V or 3A/24V	8	8	75W, 8 lock, 8 aux outputs	14H x 12W x 4.5D
FPO150-C8D8E2	150W	12A/12V or 6A/24V	8	8	150W, 8 lock, 8 aux outputs	20H x 16W x 4.5D
FPO250-C8D8E2	250W	20A/12V or 10A/24V	8	8	250W, 8 lock, 8 aux outputs	20H x 16W x 4.5D
<i>Dual Voltage - 8 lock and auxiliary outputs</i>						
FPO75/75-C8D8E2	150W	6A/12V or 3A/24V (X2)	8	8	150W DV, 8 lock, 8 aux outputs	20H x 16W x 4.5D
FPO75/150-C8D8E2	225W	6A/12V or 3A/24V & 12A/12V or 6A/24V	8	8	225W DV, 8 lock, 8 aux outputs	20H x 16W x 4.5D
FPO150/150-C8D8E2	300W	12A/12V or 6A/24V (X2)	8	8	300W DV, 8 lock, 8 aux outputs	20H x 16W x 4.5D
<i>Dual Voltage (single battery) - 8 lock and auxiliary outputs</i>						
FPO150-B100C8D8E2	150W	4A/12V and 4A/24V	8	8	150W DV, 8 lock, 8 aux outputs	20H x 16W x 4.5D
FPO250-B100C8D8E2	250W	4A/12V and 8A/24V	8	8	250W DV, 8 lock, 8 aux outputs	20H x 16W x 4.5D

For Class 2 power limited outputs order model with "C8PD8P" suffix

**16 Door Single / Dual Voltage, Access Control**

Model	Power	Current / Voltage	Main Outputs		Description	Enclosure
			Lock	Aux		
<i>Single Voltage - 16 lock and auxiliary outputs</i>						
FPO150-2C82D8E4	150W	12A/12V or 6A/24V	16	16	150W, 16 lock, 16 aux outputs	24H x 20W x 6.5D
FPO250-2C82D8E4	250W	20A/12V or 10A/24V	16	16	250W, 16 lock, 16 aux outputs	24H x 20W x 6.5D
<i>Dual Voltage - 16 lock and auxiliary outputs</i>						
FPO75/150-2C82D8E4	225W	6A/12V or 3A/24V & 12A/12V or 6A/24V	16	16	225W DV, 16 lock, 16 aux outputs	24H x 20W x 6.5D
FPO150/150-2C82D8E4	300W	12A/12V or 6A/24V (X2)	16	16	300W DV, 16 lock, 16 aux outputs	24H x 20W x 6.5D
FPO150/250-2C82D8E4	400W	12A/12V or 6A/24V & 20A/12V or 10A/24V	16	16	400W DV, 16 lock, 16 aux outputs	24H x 20W x 6.5D
<i>Dual Voltage (single battery) - 16 lock and auxiliary outputs</i>						
FPO250-B1002C82D8E4	250W	4A/12V and 8A/24V	16	16	250W DV, 16 lock, 16 aux outputs	24H x 20W x 6.5D

For Class 2 power limited outputs order model with "2C8P2D8P" suffix

Award winning **FlexPower Unified Power Solutions**  
 Integrated access power



**The Power of ONE**

Unified Power Solutions are award-winning power management systems that bring access hardware, system power, lock power and optional network management modules together in a single, optimized wall enclosure.

Unified Power systems integrate directly to the controller products of leading access manufacturers, offering substantial savings in installation time and labor.

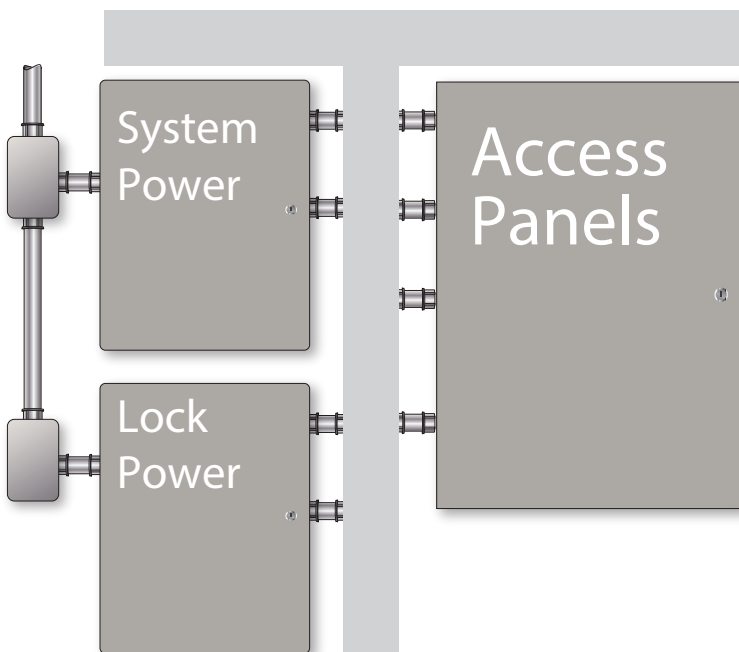
**Pre-engineered** - FlexPower products are designed in partnership with industry leading access manufacturers including Mercury Security, AMAG, Software House, HID, Honeywell, Brivo and Paxton.

**Seamless design** - All units feature the mechanical integration of lock and system power, alongside access panel hardware into a single, UL-listed, access power management system.

**Labor savings** - A single enclosure with one AC drop, removable backplate and a flexible mix-and-match mounting pattern significantly reduces field installation times and errors.

**Innovative architecture** - The system's unique dual-buss structure distributes 12 and 24VDC to all accessory modules with bi-color LED voltage indicators, so system and lock power are always available on a user-select basis.

Traditional Access Power





**Installation and service efficiencies**

One AC drop reduces installation costs  
 Removable backplate simplifies access panel wiring and minimizes installation time and labor costs  
 Deep enclosures accommodate large battery sets

**Pre-wired power section saves installation time**

120 or 230VAC input with safe AC disconnect circuit breaker switch

**Custom mounting access backplate**

Enclosure options support four, eight, or sixteen door access control systems with dual voltage and remote networking

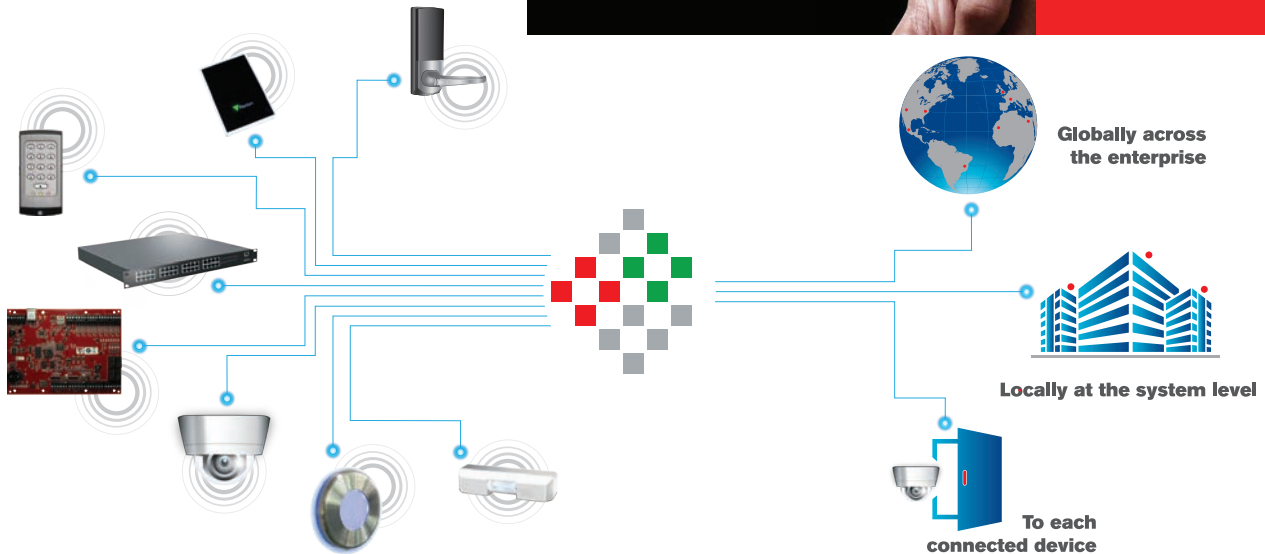
**Network management option**

Enables remote servicing  
 Live monitoring of system parameters  
 Initiate remote battery load tests or remote power cycle connected devices



Unified Power systems are UL/ULC certified with a Lifetime Warranty and mix and match compatible for maximum design flexibility

**Managed Unified Power - the heart of a healthy access system**



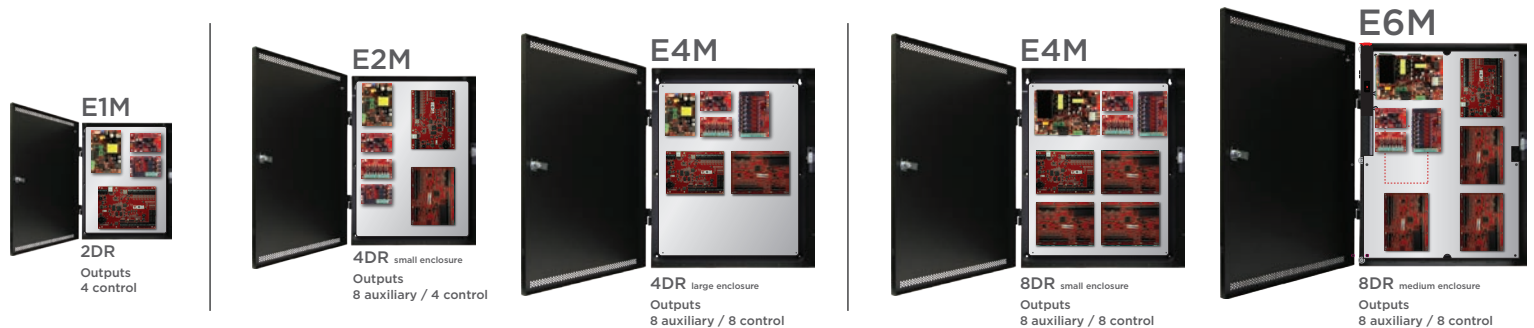
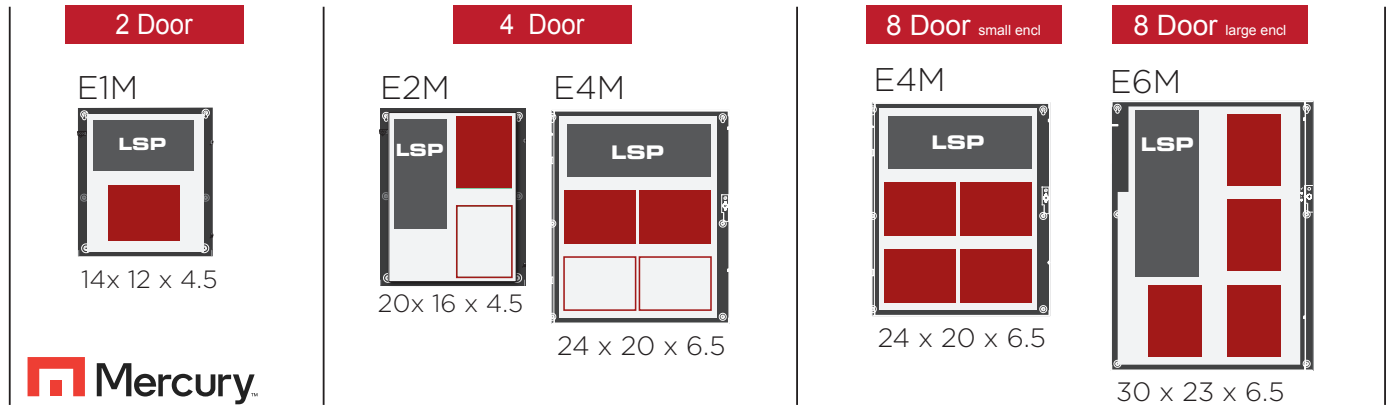


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**Mercury | Two, Four, Eight Door Configurations**

Dual V	STANDARD	MANAGED	12VDC	24VDC	ENCLOSURE	POWER and PANEL MOUNTING
2DR	FPO75-B100C4PE2M	FPO75-B100M8PNL4E2M	2A	2A	20 x 16 x 4.5	System power, lock power / two max Mercury
4DR	FPO75-B100C4PD8PE2M	FPO75-B100M8PNL4E2M	2A	2A	20 x 16 x 4.5	System power, lock power / two max Mercury
4DR	FPO75-B100C8PD8PE4M	FPO75-B100M8PNL4E4M	2A	2A	24 x 20 x 6.5	System power, lock power / four max Mercury
8DR	FPO150-B100C8PD8PE4M	FPO150-B100D8PM8PNL4E4M	4A	4A	24 x 20 x 6.5	System power, lock power / four max Mercury
8DR	FPO150-B100C8PD8PE6M	FPO150-B100D8PM8PNL4E6M	4A	4A	30 x 23 x 6.5	System power, lock power / four max Mercury
Single V						
2DR	FPO75-D8PE1M	FPO75-D8PNL4E1M	12V/6A, 24V/3A		14 x 12 x 4.5	System power / one max Mercury
4DR	FPO75-D8PE2M	FPO75-M8PNL4E2M	12V/6A, 24V/3A		20 x 16 x 4.5	System power / two max Mercury
4DR	FPO75-D8PE4M	FPO75-M8PNL4E4M	12V/6A, 24V/3A		24 x 20 x 6.5	System power / four max Mercury
8DR	FPO150-D8PE4M	FPO150-M8PNL4E4M	12V/12A, 24V/6A		24 x 20 x 6.5	System power / four max Mercury
8DR	FPO150-D8PE6M	FPO150-M8PNL4E6M	12V/12A, 24V/6A		30 x 23 x 6.5	System power / four max Mercury

*System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P*



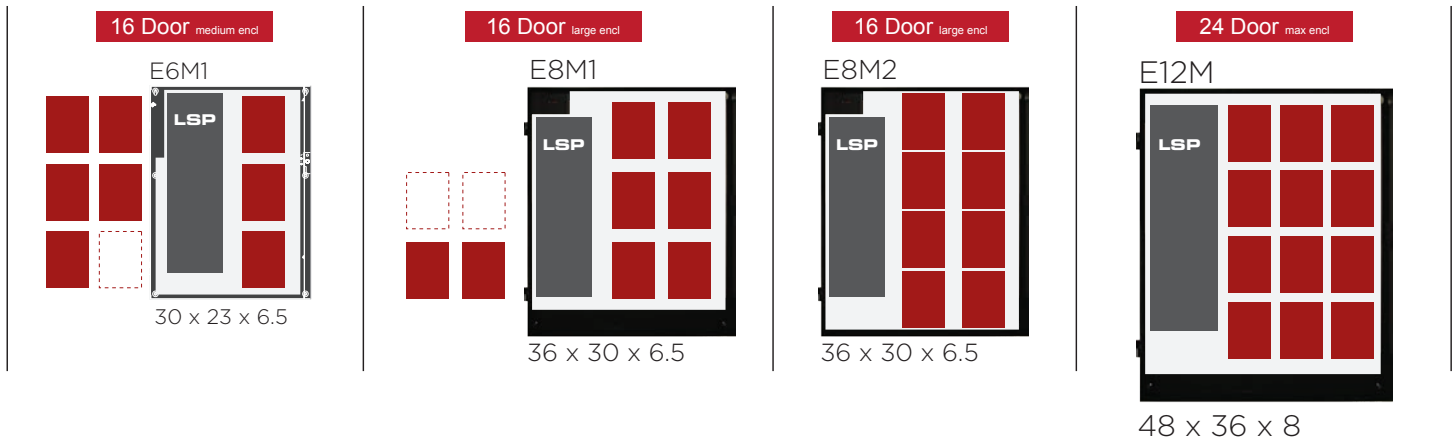
Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

UNIFIEDPOWER

Mercury | Sixteen and Twenty Four Door Configurations

Dual V	STANDARD	MANAGED	12VDC	24VDC	ENCLOSURE	POWER and PANEL MOUNTING
16DR	FPO150/250-2C8P2D8PE6M1	FPO150/250-2D8P2M8PNL4E6M1	12A	10A	30 x 23 x 6.5	System power, lock power / eight max Mercury
16DR	FPO150/250-2C8P2D8PE8M1	FPO150/250-2D8P2M8PNL4E8M1	12A	10A	36 x 30 x 6.5	System power, lock power / eight max Mercury
16DR	FPO150/250-2C8P2D8PE8M2	FPO150/250-2D8P2M8PNL4E8M2	12A	10A	36 x 30 x 6.5	System power, lock power / eight max Mercury
24DR	FPO250/250-3C8P3D8PE12M	FPO250/250-3D8P3M8PNLXE12M	20A	10A	48 x 36 x 8.0	System power, lock power / twelve max Mercury
Single V						
16DR	FPO150-2D8PE6M1	FPO150-2M8PNL4E6M1	12V/12A, 24V/6A		30 x 23 x 6.5	System power / eight max Mercury
16DR	FPO150-2D8PE8M1	FPO150-2M8PNL4E8M1	12V/12A, 24V/6A		36 x 30 x 6.5	System power / eight max Mercury
16DR	FPO150-2D8PE8M2	FPO150-2M8PNL4E8M2	12V/12A, 24V/6A		36 x 30 x 6.5	System power / eight max Mercury
24DR	FPO250-3D8PE12M	FPO250-3M8PNL4E12M	12V/20A, 24V/10A		48 x 36 x 8.0	System power / twelve max Mercury

System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P



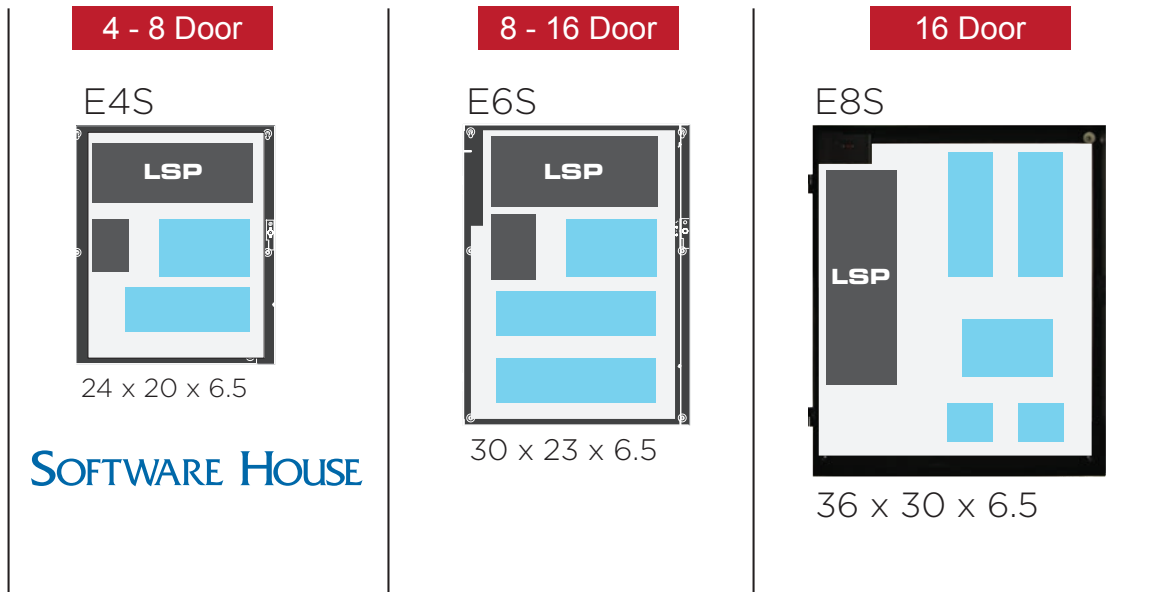
Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

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**Software House | Four, Eight and Sixteen Door Configurations**

DOORS	STANDARD PN	MANAGED PN	12VDC	24VDC	ENCL H x W x D	PANEL MOUNTING
<b>SWH</b>						
4	FPO75-B100C8PD8PE4S	FPO75-B100M8PNL4E4S	2A	2A	24 x 20 x 6.5	GCM, ACM
8	FPO75/150-C8PD8PE4S	FPO75/150-D8PM8PNL4E4S	6A	6A	24 x 20 x 6.5	GCM, ACM
8	FPO75/150-C8PD8PE6S	FPO75/150-D8PM8PNL4E6S	6A	6A	30 x 23 x 6.5	GCM, ACM
16	FPO150/250-2D8PE6S	FPO150/250-2M8PNL4E6S	12A	10A	30 x 23 x 6.5	GCM, two ACM
16	FPO150/250-2C8P2D8PE8S	FPO150/250-2D8P2M8PNL4E8S	12A	10A	36 x 30 x 6.5	GCM, two ACM, IO

*System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P*



**E4S**  
 8DR medium enclosure  
 Outputs  
 8 auxiliary / 8 control

**E6S**  
 8DR large enclosure  
 Outputs  
 8 auxiliary / 8 control

**E6S**  
 16DR **ULTRA**  
 Outputs  
 16 auxiliary

**E8S**  
 16DR **ULTRA SE**  
 Outputs  
 16 auxiliary / 16 control

Part numbers in this product guide numbers are most common but many other configurations are possible.  
 Contact Factory Technical Support or visit LSP Website for more information.

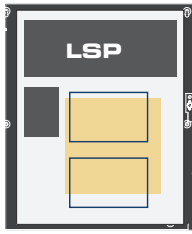
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AMAG | Four, Eight and Sixteen Door Configurations


DOORS	STANDARD PN	MANAGED PN	12VDC	24VDC	ENCL H x W x D	POWER AND PANEL MOUNTING
<b>AMAG</b>						
4	FPO75-B100C4PD8PE4A	FPO75-B100M8PNL4E4A	2A	2A	24 x 20 x 6.5	System, lock power / one 4DBC or M4000
8	FPO150-B100C8PD8PE4A	FPO150-B100D8PM8PNL4E4A	4A	4A	24 x 20 x 6.5	System, lock power / one 8DBC or 2 M4000
8	FPO150-B100C8PD8PE6A	FPO150-B100D8PM8PNL4E6A	4A	4A	30 x 23 x 6.5	System, lock power / one 8DBC or 2 M4000
16	FPO150/250-2C8P2D8PE8A	FPO150/250-2D8P2M8PNL4E8A	12A	10A	36 x 30 x 6.5	System, lock power / two 8DBC or 4 M4000

System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P

4 - 8 Door

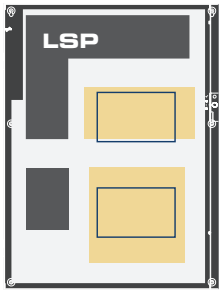


**E4A**  
24 x 20 x 6.5



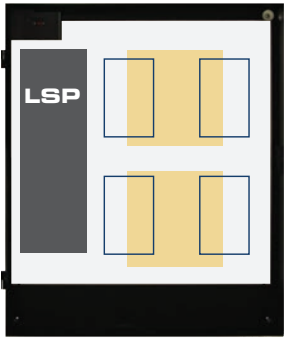
A G4S COMPANY

8 - 12 Door



**E6A**  
30 x 23 x 6.5

16 Door



**E8A**  
36 x 30 x 6.5



All enclosures have dual pattern



**E4A**  
4DR  
Outputs  
8 auxiliary / 4 control



**E4A**  
8DR small enclosure  
Outputs  
8 auxiliary / 8 control



**E6A**  
8DR medium enclosure  
Outputs  
8 auxiliary / 8 control



**E8A**  
16DR  
Outputs  
16 auxiliary / 16 control

Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

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ProWatch | Four, Eight Sixteen, 24 Door Configurations

DOORS	STANDARD PN	MANAGED PN	12VDC	24VDC	ENCL H x W x D	POWER AND PANEL MOUNTING
<b>HONEYWELL</b>						
4	FPO75-B100C4D8PE2H	FPO75-B100M8PNL4E2H	2A	2A	20 x 16 x 4.5	System power, lock power / two Prowatch
8	FPO150-B100C8D8PE4H1	FPO150-B100D8PM8NL4E4H1	4A	4A	24 x 20 x 6.0	System power, lock power / four Prowatch
16	FPO150/250-2C82D8PE8H1	FPO150/250-2D8P2M8NL4E8H1	12A	10A	36 x 30 x 6.5	System power, lock power / eight Prowatch
24	FPO250/250-3C83D8PE12H	FPO250/250-3D8P3M8NLXE12H	20A	20A	48 x 36 x 8.0	System power, lock power / twelve Prowatch

System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P

4 Door

8 Door

16 Door

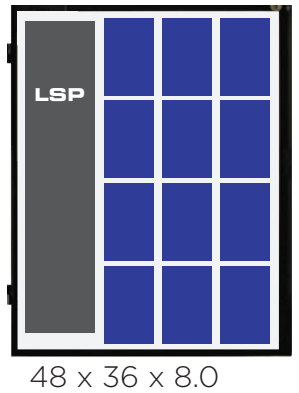
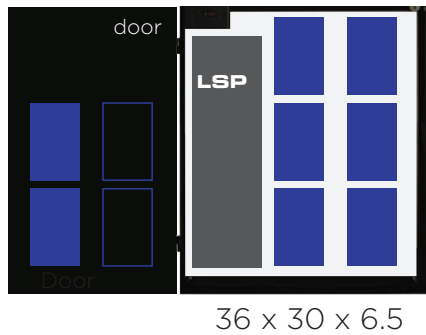
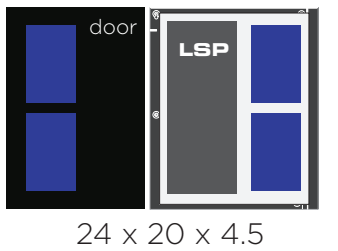
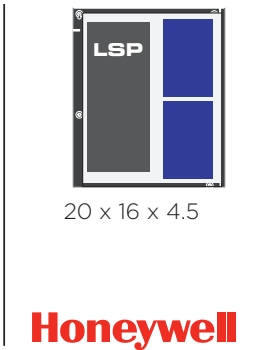
24 Door

E2H

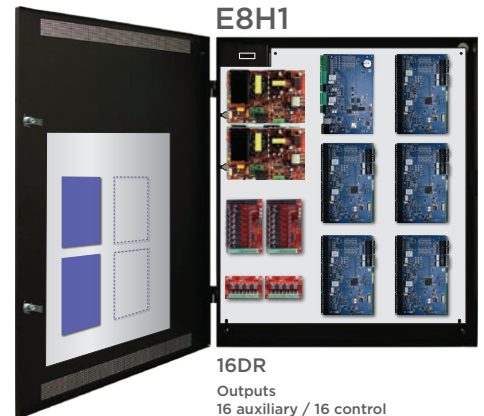
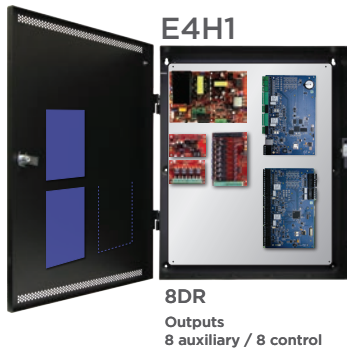
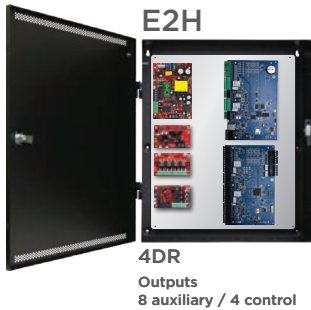
E4H1

E8H1

E12H



Honeywell



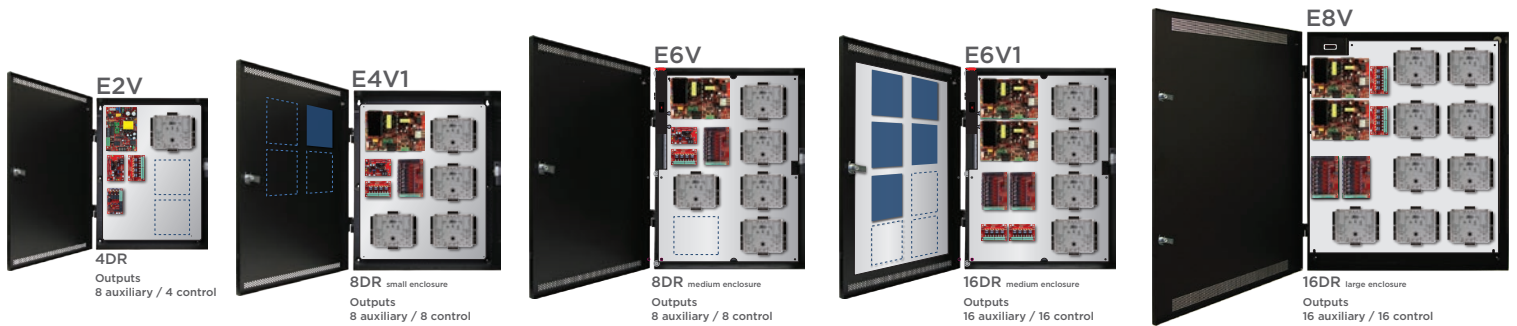
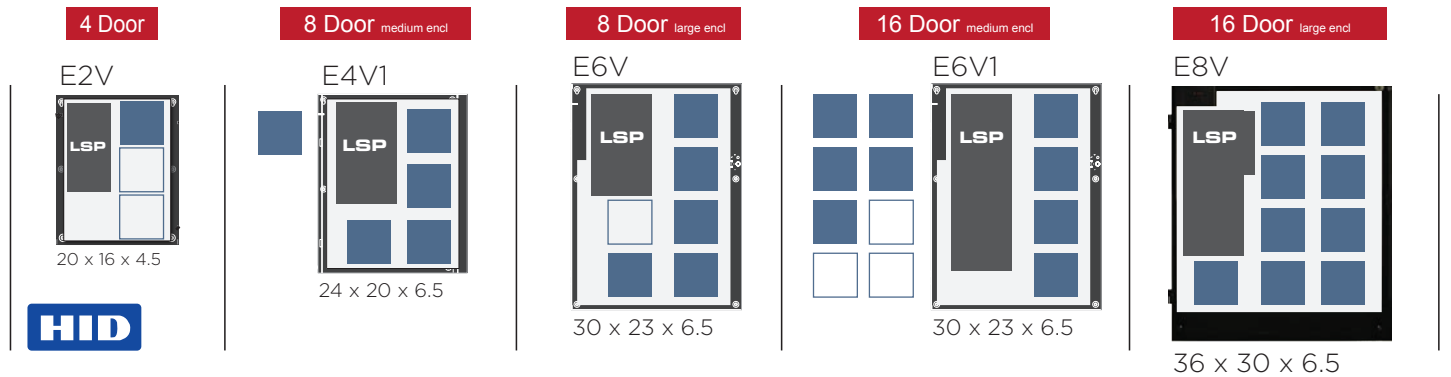
Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

UNIFIEDPOWER

Vertx/Aero | Two, Four, Eight and Sixteen Door Configurations

DOORS	STANDARD PN	MANAGED PN	12VDC	24VDC	ENCL H x W x D	POWER AND PANEL MOUNTING
<b>HID</b>						
2	FPO75-B100C4PE2V	FPO75-B100M8PNL4E2V	2A	2A	20 x 16 x 4.5	System power, lock power / two Vertx
4	FPO75-B100C4PD8PE4V	FPO75-B100M8PNL4E4V	2A	2A	24 x 20 x 6.5	System power, lock power / three Vertx
8	FPO150-B100C8PD8PE4V1	FPO150-B100D8PM8PNL4E4V1	4A	4A	24 x 20 x 6.5	System power, lock power / six Vertx
8	FPO150-B100C8PD8PE6V	FPO150-B100D8PM8PNL4E6V	4A	4A	30 x 23 x 6.5	System power, lock power / four Vertx
16	FPO150/250-2C8P2D8PE6V1	FPO150/250-2D8P2M8PNL4E6V1	12A	10A	30 x 23 x 6.5	System power, lock power / nine Vertx
16	FPO150/250-2C8P2D8PE8V	FPO150/250-2D8P2M8PNL4E8V	12A	10A	36 x 30 x 6.5	System power, lock power / nine Vertx

System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

UNIFIEDPOWER

Brivo | Four, Eight and Sixteen Door Configurations

DOORS	STANDARD PN	MANAGED PN	12VDC	24VDC	ENCL H x W x D	POWER AND PANEL MOUNTING
<b>BRIVO</b>						
4	FPO150-B100C8D8PE4B	FPO150-B100D8PM8NL4E4B	4A	4A	24 x 20 x 6.5	System power, lock power / three Brivo
8	FPO150-B100C8D8PE6B	FPO150-B100D8PM8NL4E6B	4A	4A	30 x 23 x 6.5	System power, lock power / four Brivo
8	FPO150-B100C8D8PE8B	FPO150-B100D8PM8NL4E8B	4A	4A	36 x 30 x 6.5	System power, lock power / seven Brivo
16	FPO150/250-2C82D8PE6B1	FPO150/250-2D8P2M8NL4E6B1	12A	10A	30 x 23 x 6.5	System power, lock power / eight Brivo
16	FPO150/250-2C82D8PE8B1	FPO150/250-2D8P2M8NL4E8B1	12A	10A	36 x 30 x 6.5	System power, lock power / ten Brivo

System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P

4 Door

8 Door

8 - 16 Door

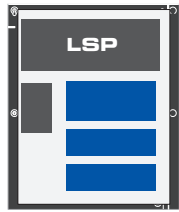
16 Door

E4B

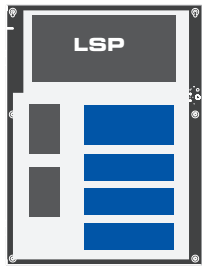
E6B

E6B

E8B

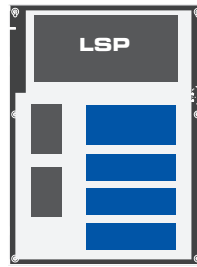


24 x 20 x 6.5



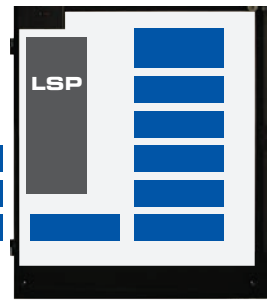
30 x 23 x 6.5

E6B1

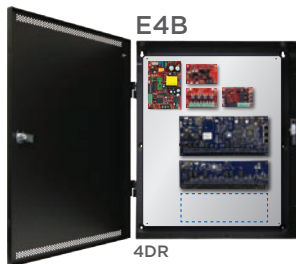


30 x 23 x 6.5

E8B1



36 x 30 x 6.5



E4B

4DR  
Outputs  
8 auxiliary / 4 control



E6B

8DR  
Outputs  
8 auxiliary / 8 control



E6B1

16DR medium enclosure  
Outputs  
16 auxiliary / 16 control



E8B1

16DR large enclosure  
Outputs  
16 auxiliary / 16 control

Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

UNIFIEDPOWER

Paxton | Four, Eight and Sixteen Door Configurations

DOORS	STANDARD PN	MANAGED PN	12VDC	24VDC	ENCL H x W x D	POWER AND PANEL MOUNTING
<b>PAXTON</b>						
4	FPO75-B100D8E2P	FPO75-B100M8NL4E2P	2A	2A	20 x 16 x 4.5	System power, lock power / four Paxton
6	FPO75-B100D8E4P	FPO75-B100M8NL4E4P	2A	2A	24 x 20 x 6.5	System power, lock power / six Paxton
8	FPO150-B1002D8E6P	FPO150-B100D8M8NL4E6P	4A	4A	30 x 23 x 6.5	System power, lock power / nine Paxton
12	FPO150/250-4D8E8P	FPO150/250-2D82M8NL4E8P	12A	10A	36 x 30 x 6.5	System power, lock power / twelve Paxton
16	FPO150/250-4D8E6P1	FPO150/250-2D82M8NL4E6P1	12A	10A	30 x 23 x 6.5	System power, lock power / sixteen Paxton

System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P

4 Door

6 Door

8 Door

12 Door

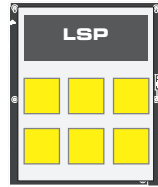
16 Door

E2P



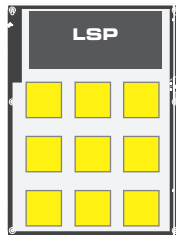
20 x 16 x 4.5

E4P



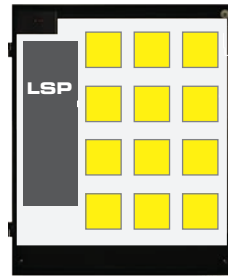
24 x 20 x 6.5

E6P



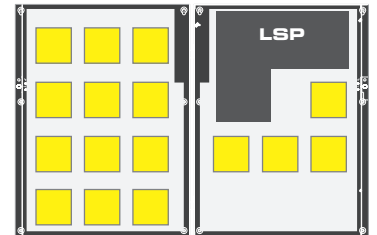
30 x 23 x 6.5

E8P

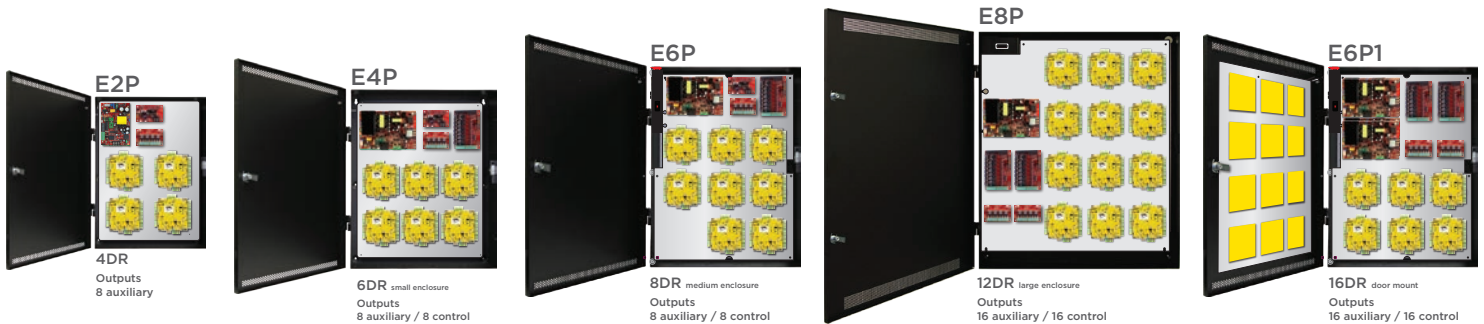


36 x 30 x 6.5

E6P1



30 x 23 x 6.5



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.



**GEMINI**  **TM**  
unified rackmount power solutions



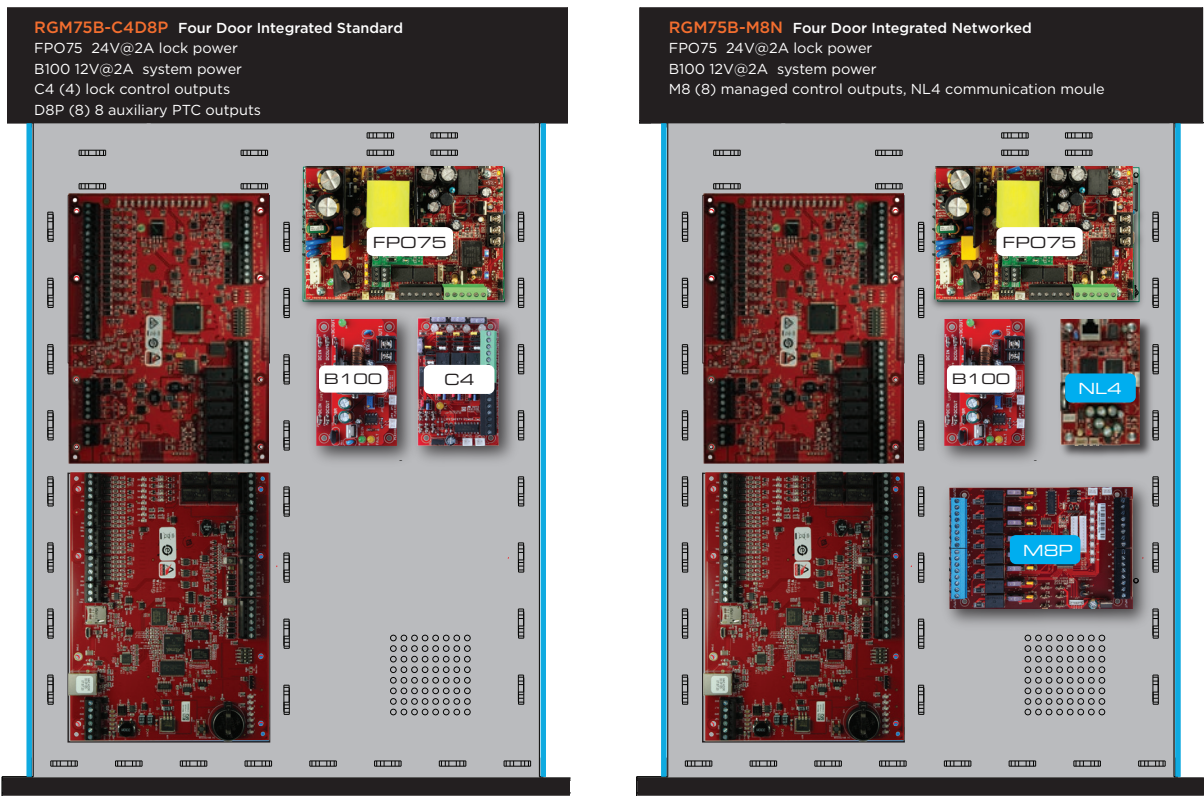


## RGM75 | 75W Four Door Mercury

Dual V	12VDC	24VDC	STANDARD PN	OUTPUTS	MANAGED PM	OUTPUTS	POWER and PANEL MOUNTING
4DR	2A	2A	RGM75B-C4D8PZ	4 lock / 8 aux	RGM75B-M8PNZ	8 managed	System and lock power / two Mercury
4DR	2A	2A	RGM75B-C8PZ	8 lock	RGM75B-D8PM8NZ	8 aux / 8 managed	System and lock power/ two Mercury
<b>Single V</b>							
4DR	12V/6A (24V/3A)		RGM75-D8PZ	8 aux	RGM75-M8PNZ	8 managed	System power / two Mercury
4DR	12V/6A (24V/3A)		RGM75-C8PZ	8 lock	RGM75-D8PM8NZ	8 aux / 8 managed	System power / two Mercury

*System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P*

### Rack Drawer Top Down View



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.



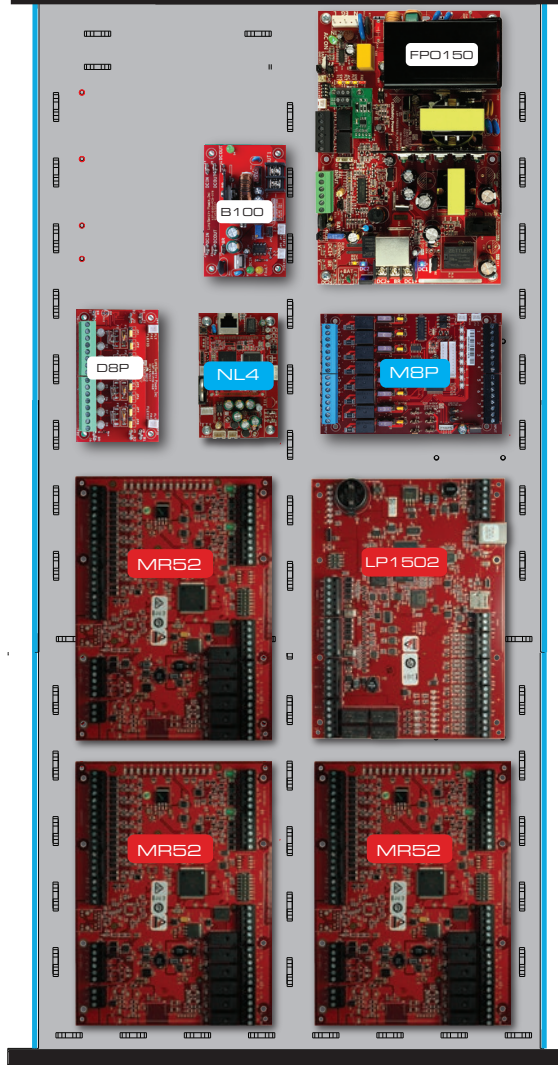
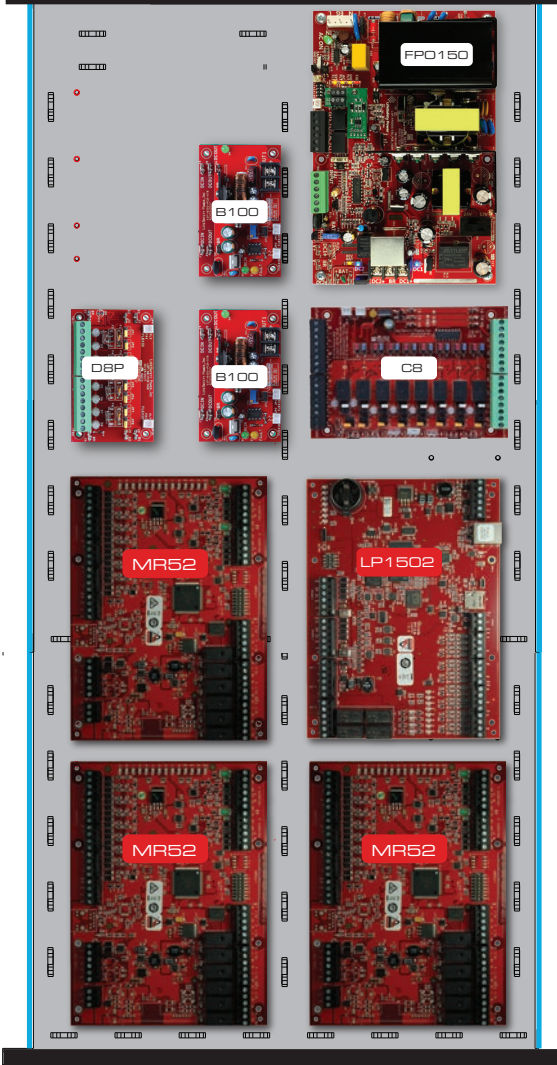
## RGXM150 | 150W Eight Door Mercury

Dual V	12VDC	24VDC	STANDARD PN	OUTPUTS	MANAGED PM	OUTPUTS	POWER and PANEL MOUNTING
8DR	4A	4A	RGXM150B-C8P	8 lock	RGXM150B-M8PN	8 managed	System and lock power / four Mercury
8DR	4A	4A	RGXM150B-C8D8P	8 lock / 8 aux	RGXM150B-D8PM8N	8 managed / 8 aux	System and lock power / four Mercury
Single V							
8DR		12V/12A (24V/6A)	RGXM150-D8P	8 aux	RGXM150-M8PN	8 managed	System power / four Mercury
8DR		12V/12A (24V/6A)	RGXM150-2D8P	16 aux	RGXM150-D8PM8N	8 managed / 8 aux	System power / four Mercury

System part number can be modified to change output protection Fused outputs = C8, M8 | Class II power limited outputs = C8P, M8P

**RGXM150B-C8D8P** Eight Door Dual Voltage  
 FPO150 24V@4A lock power  
 B100 12V@4A system power  
 D8P (8) auxiliary outputs  
 C8 (8) lock control outputs

**RGXM150B-D8PM8N** Eight Door Managed Dual Voltage  
 FPO150 24V@4A lock power  
 B100 12V@4A system power  
 D8P (8) auxiliary outputs  
 M8 (8) managed control outputs



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

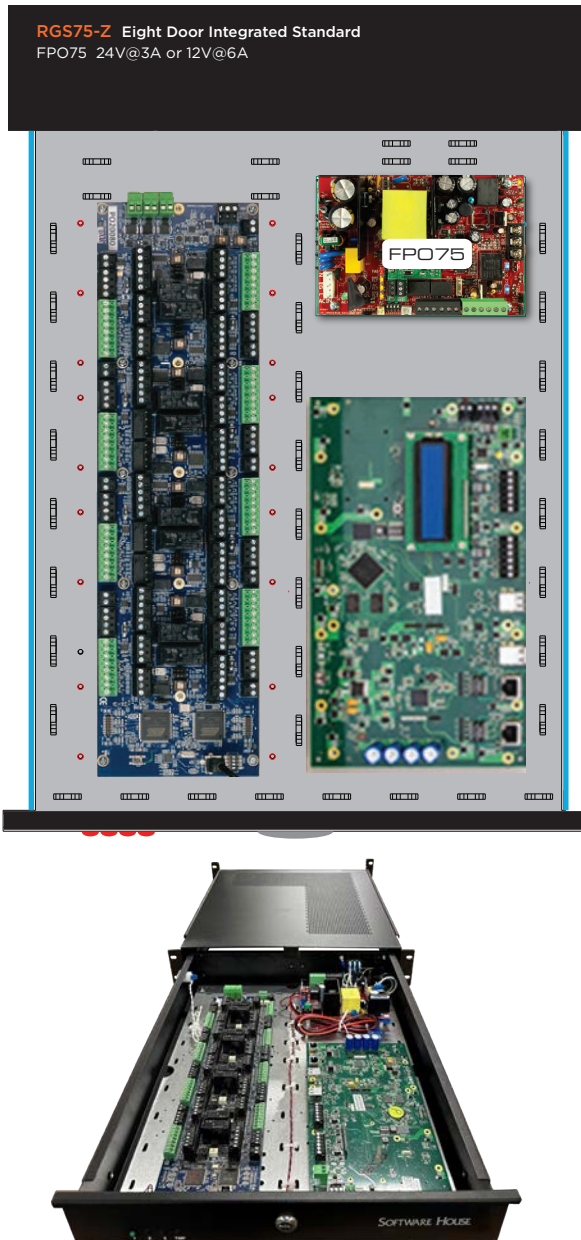


## RGS75 | 75W Eight Door Software House

Single V	12VDC	24VDC	STANDARD PN	Z Bracket
8DR	12V/6A (24V/3A)		RGS75-Z	Light
8DR	12V/6A (24V/3A)		RGM75-Z1	Heavy

*Fits GCM and ACM only*

### Rack Drawer Top Down View



Part numbers in this product guide numbers are most common but many other configurations are possible.  
 Contact Factory Technical Support or visit LSP Website for more information.

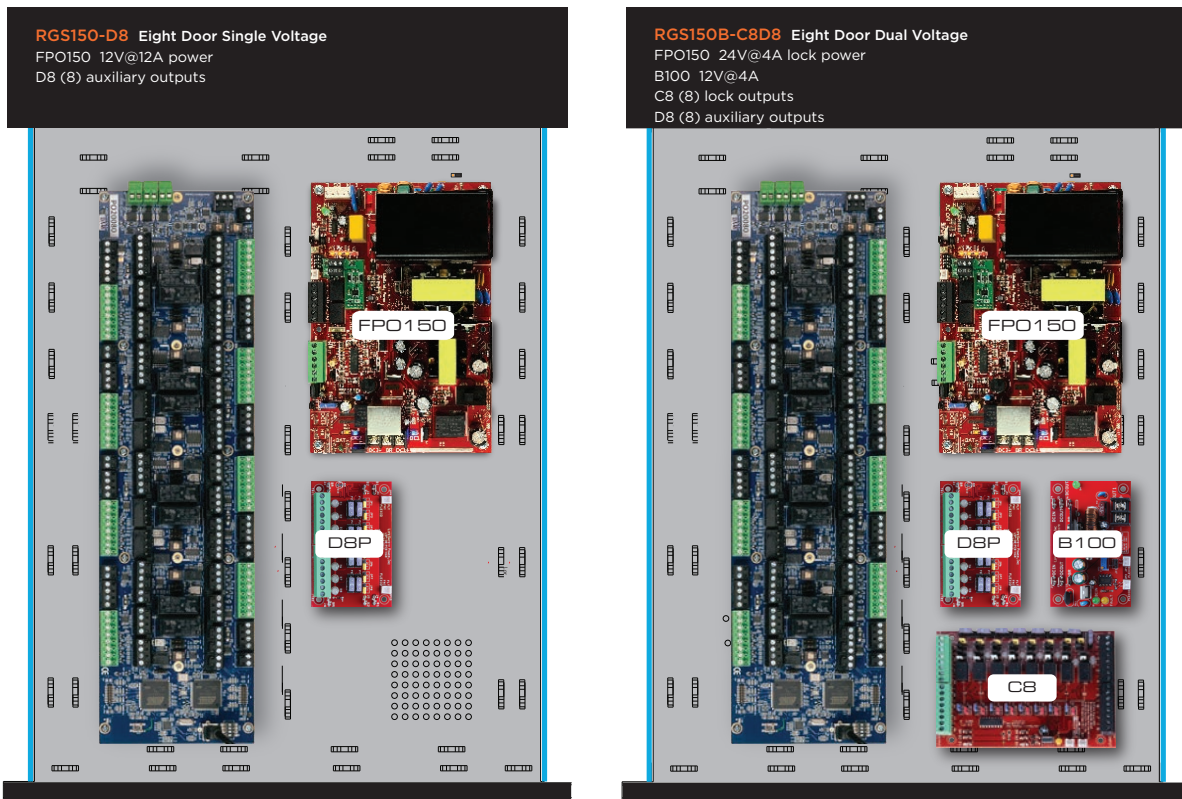


## RGS150 | 150W Eight Door Software House

Dual V	12VDC	24VDC	STANDARD PN	OUTPUTS	MANAGED PM	OUTPUTS	POWER and PANEL MOUNTING
8DR	4A	4A	RGS150B-D8Z	8 aux	RGS150B-M8NZ	8 managed	System and lock power / one ACM
8DR	4A	4A	RGS150B-C8D8Z	8 lock / 8 aux	RGS150B-D8M8NZ	8 aux / 8 managed	System and lock power/ one ACM
Single V							
8DR	12V/12A (24V/6A)		RGS150-D8Z	8 aux	RGS150-M8NZ	8 managed	System power / one ACM
8DR	12V/12A (24V/6A)		RGS150-C8Z	8 lock	RGS150-D8M8NZ	8 aux / 8 managed	System power / one ACM

*System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P*

### Rack Drawer Top Down View



Part numbers in this product guide numbers are most common but many other configurations are possible.  
 Contact Factory Technical Support or visit LSP Website for more information.



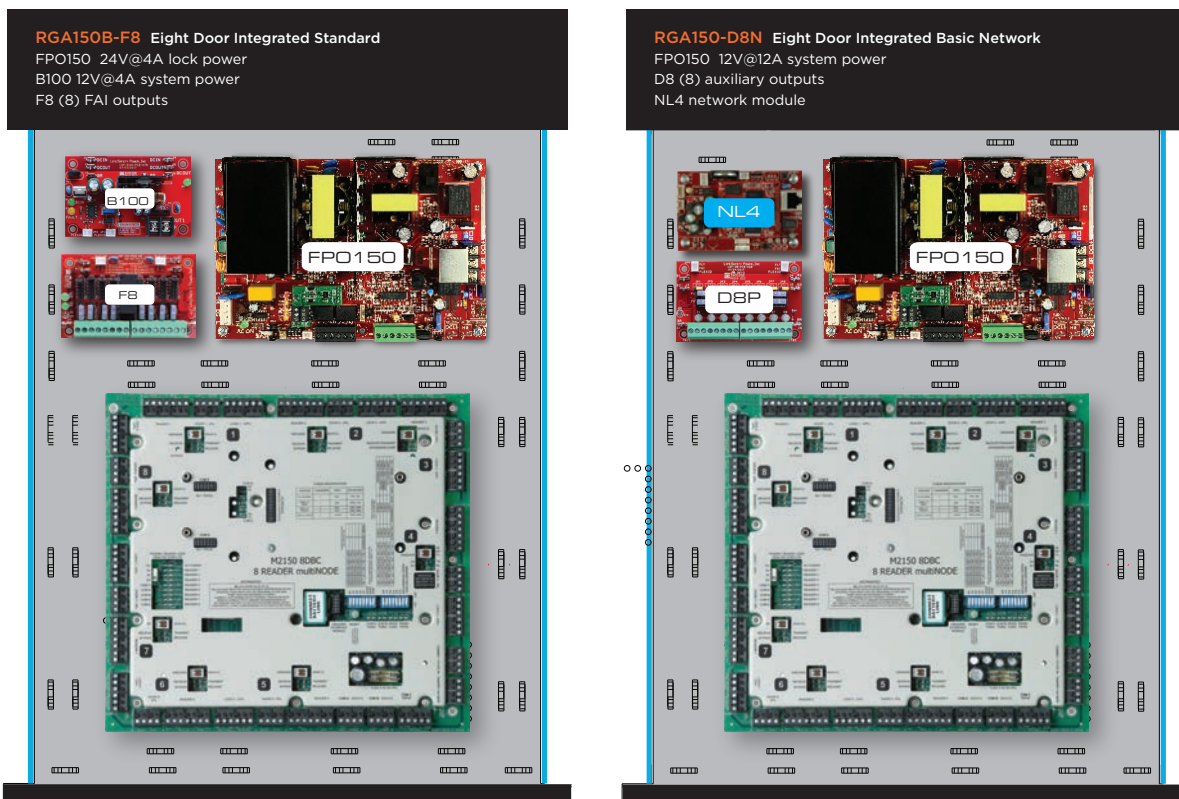
### RGA150 | 150W Eight Door AMAG

Dual V	12VDC	24VDC	STANDARD PN	OUTPUTS	MANAGED PM	OUTPUTS	POWER and PANEL MOUNTING
8DR	4A	4A	RGA150B-D8Z	8 aux	RGA150B-NZ	2	System and lock power / one 8DBC / two M4000
8DR	4A	4A	RGA150B-F8Z	8 FAI			System and lock power / one 8DBC / two M4000
Single V							
8DR	12V/12A (24V/6A)		RGA150-D8Z	8 aux	RGA150-D8NZ	8 aux	System power / one 8DBC / two M4000
8DR	12V/12A (24V/6A)		RGA150-C8Z	8 lock	RGA150-F8NZ	8 FAI	System power / one 8DBC / two M4000

D8, F8 are fused outputs. For class II outputs, add "P", i.e. D8P, F8P

RGA managed configurations does not have managed (M8) outputs due to drawer space limits

### Rack Drawer Top Down View



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

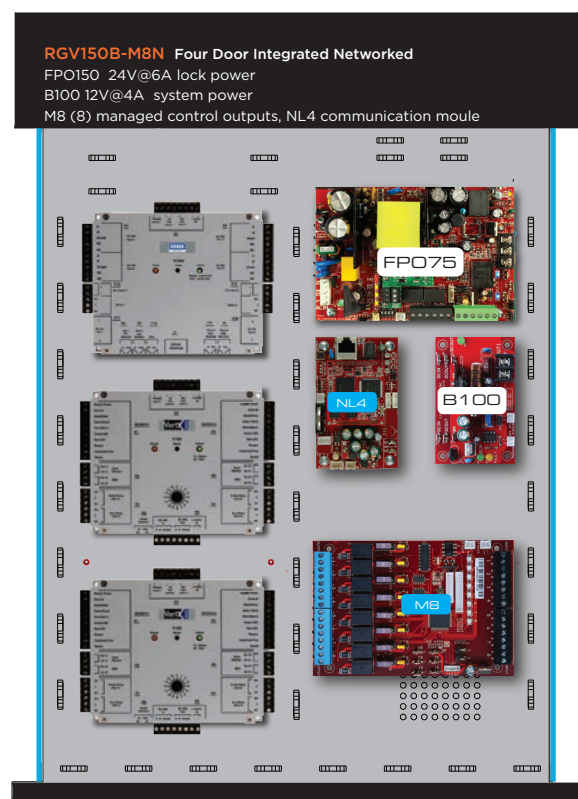
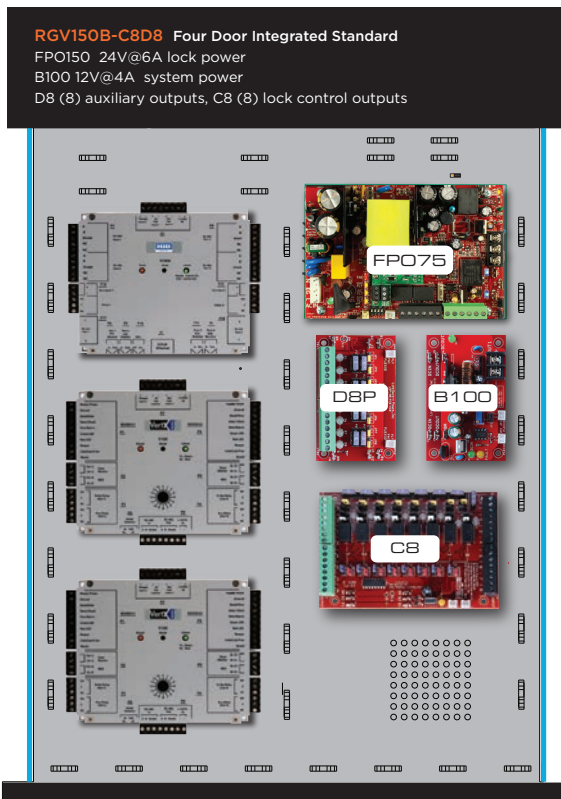


### RGV75 | 75W Four Door Vertex/Aero

Dual V	12VDC	24VDC	STANDARD PN	OUTPUTS	MANAGED PM	OUTPUTS	POWER and PANEL MOUNTING
4DR	2A	2A	RGV150B-C4D8Z	4 lock / 8 aux	RGV75B-M8NZ	8 managed	System and lock power / three HID
4DR	2A	2A	RGV75B-C8Z	8 lock	RGV75B-D8M8NZ	8 aux / 8 managed	System and lock power/ three HID
<b>Single V</b>							
4DR	12V/6A (24V/3A)		RGV75-D8Z	8 aux	RGV75-M8NZ	8 managed	System power / three HID
4DR	12V/6A (24V/3A)		RGV75-C8Z	8 lock	RGV75-D8M8NZ	8 aux / 8 managed	System power / three HID

*C4, C8, D8, M8 are fused outputs. For class II outputs, add "P", i.e. C4P, C8P, D8P, M8P*

### Rack Drawer Top Down View



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

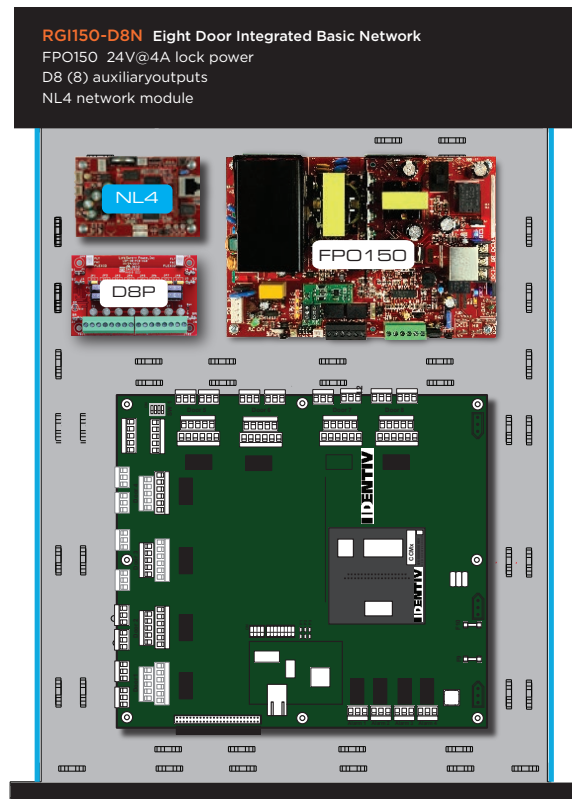
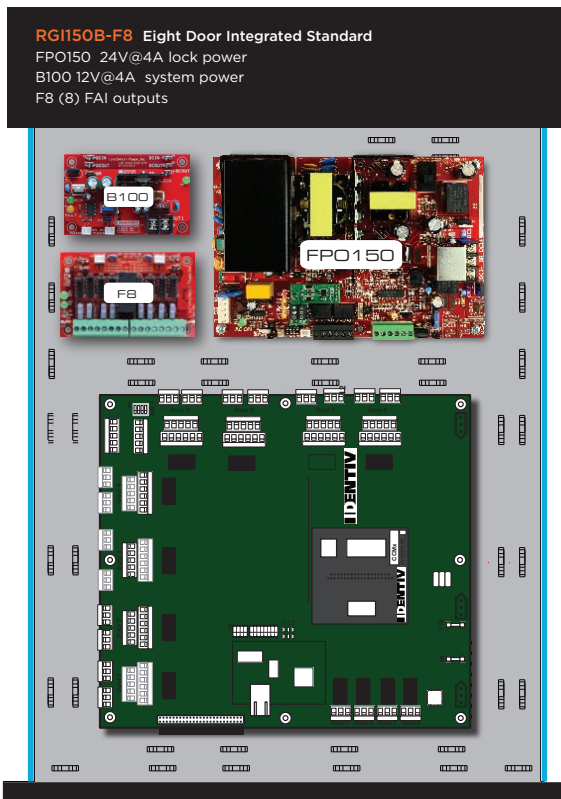


### RG1150 | 150W Eight Door IDENTIV

Dual V	12VDC	24VDC	STANDARD	OUTPUTS	MANAGED	OUTPUTS	POWER and PANEL MOUNTING
8DR	4A	4A	RG1150B-D8Z	8 aux	RG1150B-M8NZ	8 managed	System and lock power / MX + Exp.
8DR	4A	4A	RG1150B-C8D8Z	8 lock / 8 aux	RG1150B-D8M8NZ	8 aux / 8 managed	System and lock power / MX + Exp.
Single V							
8DR	12V/12A (24V/6A)		RG1150-D8Z	8 aux	RG1150-M8NZ	8 managed	System power / MX + Exp.
8DR	12V/12A (24V/6A)		RG1150-C8Z	8 lock	RG1150-D8M8NZ	8 aux / 8 managed	System power / MX + Exp.

*C4, C8, D8, M8 are fused outputs. For class II outputs, add "P", i.e. C4P, C8P, D8P, M8P*

### Rack Drawer Top Down View



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.



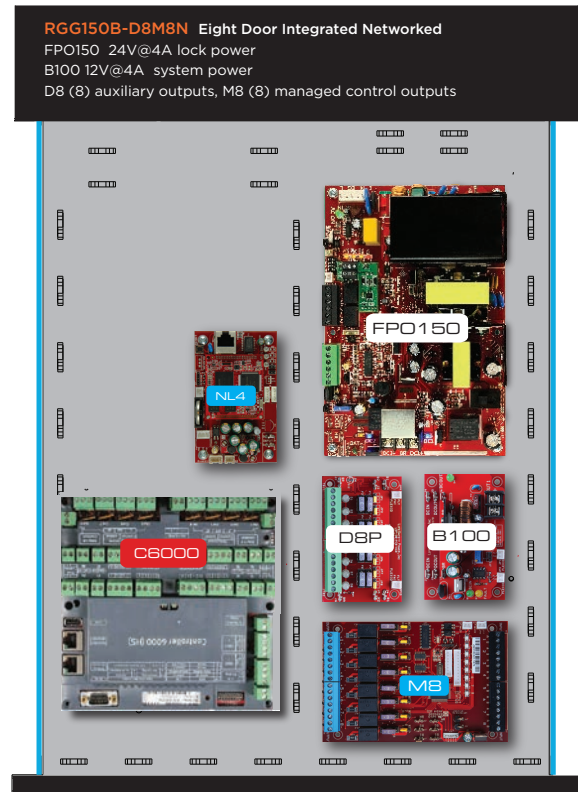
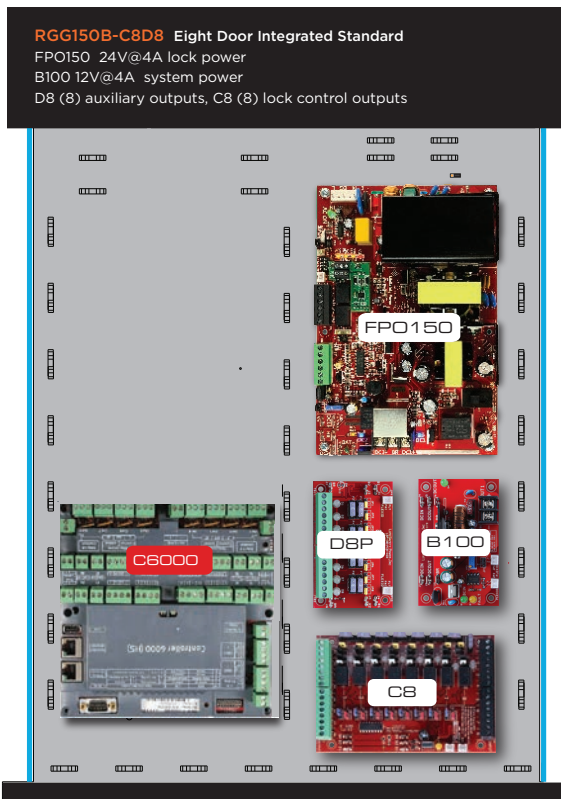


## RGG150 | 150W Eight Door Gallagher

Dual V	12VDC	24VDC	STANDARD	OUTPUTS	MANAGED	OUTPUTS	POWER and PANEL MOUNTING
8DR	4A	4A	RGG150B-D8Z	8 aux	RGG150B-M8NZ	8 managed	System and lock power / 6000.
8DR	4A	4A	RGG150B-C8D8Z	8 lock / 8 aux	RGG150B-D8M8NZ	8 aux / 8 managed	System and lock power / 6000
Single V							
8DR	12V/12A (24V/6A)		RGG150-D8Z	8 aux	RGG150-M8NZ	8 managed	System power / 6000
8DR	12V/12A (24V/6A)		RGG150-C8Z	8 lock	RGG150-D8M8NZ	8 aux / 8 managed	System power / 6000

*C4, C8, D8, M8 are fused outputs. For class II outputs, add "P", i.e. C4P, C8P, D8P, M8P*

### Rack Drawer Top Down View



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.



### RGL Series | LSP Power Drawer

Internal Distribution

150W Model No.	Network	Voltage	Current	Bulk	Auxiliary	Control	Managed
RGL150-Z1		12V or 24V	12A or 6A	2			
RGL150-D8Z1				2	8		
RGL150-2D8Z1				2	16		
RGL150-2C8Z1				2		16	
RGL150-2M8NZ1	Yes			2			16
RGL150-2D82M8NZ1	Yes			2	16		16

400W Model No.	Network	Voltage	Current	Bulk	Auxiliary	Control	Managed
RGL150/250-Z		12V and 24V	12A and 10A	2			
RGL150/250-2D8Z1				2	16		
RGL150/250-2C8Z1				2		16	
RGL150/250-2M8NZ1	Yes			2			16
RGL150/250-2D82M8NZ1	Yes			2	16		16

500W Model No.	Network	Voltage	Current	Bulk	Auxiliary	Control	Managed
RGL250/250-Z		12V and 24V	20A and 10A	2			
RGL250/250-2D8Z1				2	16		
RGL250/250-2C8Z1				2		16	
RGL250/250-2M8NZ1	Yes			2			16
RGL250/250-2D82M8NZ1	Yes			2	16		16

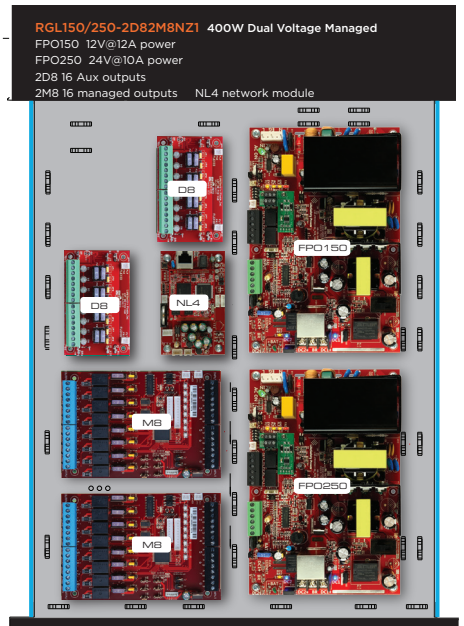
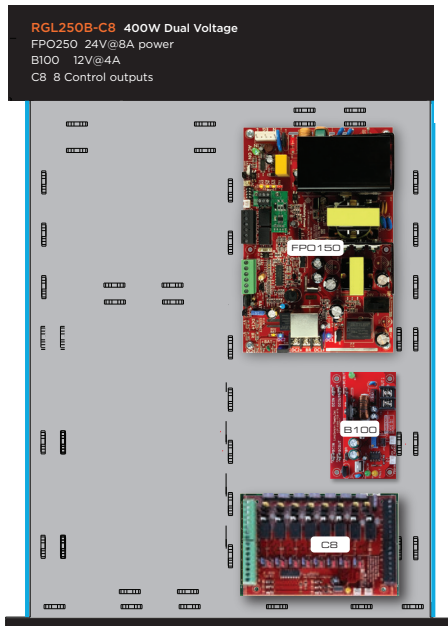
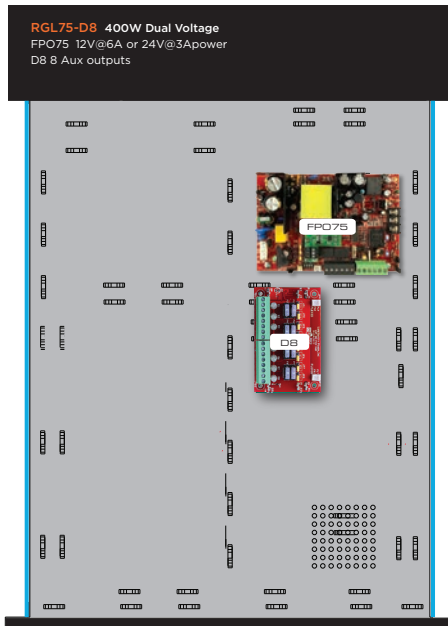
Internal Distribution

75W DV Model No.	Network	Voltage	Current	Bulk	Auxiliary	Control	Managed
RGL75B-D8Z1		12V	2A	2	8		
RGL75B-C4Z1		and	and	2		4	
RGL75B-M8NZ1	Yes	24V	2A	2			8

150W DV Model No.	Network	Voltage	Current	Bulk	Auxiliary	Control	Managed
RGL150B-D8Z1		12V and 24V	4A and 4A	2	8		
RGL150B-C8Z1				2		8	
RGL150B-C8D8Z1				2	8	8	
RGL150B-D8M8NZ1	Yes			2	8		8

250W DV Model No.	Network	Voltage	Current	Bulk	Auxiliary	Control	Managed
RGL250B-2D8Z1		12V and 24V	4A and 8A	2	16		
RGL20B-2C8Z1				2		16	
RGL250B-C8D8Z1				2	8	8	
RGL250B-D8M8NZ1	Yes			2	8		8

Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.



# The Value of High Level Integrated Power



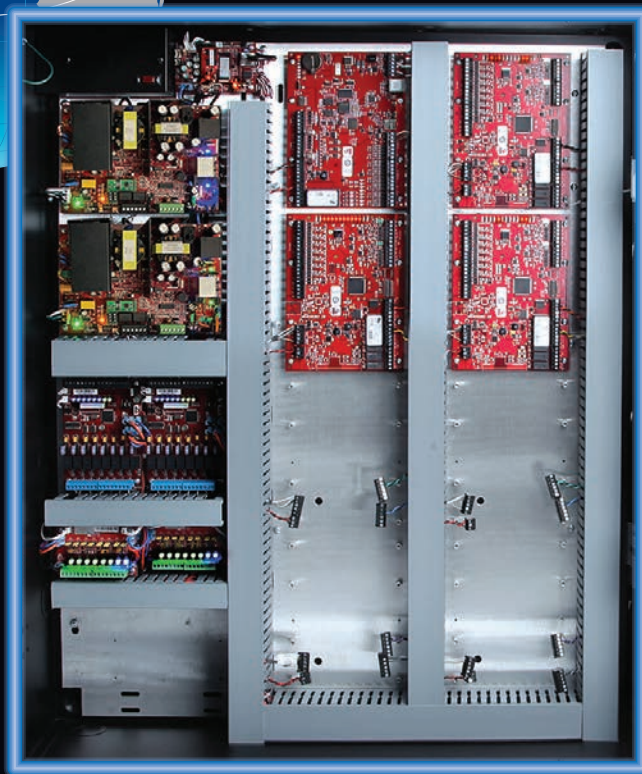
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**THREE to ONE** integration - saves wall space and cost

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**Drop Ships** directly **On-site** and delivered on-time

**Faster Installation. Easier maintenance and Troubleshooting**

**Enables operational Efficiencies and Global Standards**

**Agency Certified** factory wired, labeled and tested

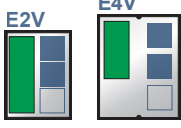

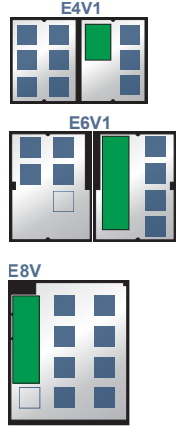





**PROWIRE**

**HID VertX/Aero | Pre-wired Access Systems**

Factory prewired for system power, lock power, communication, faults and tamper switch

Doors	Power/Outputs	Enclosure	Cabling	Base Model		*Wiring	Panel Layout	
4DR	12V/2A and 24V/2A Outputs: STD: 8 aux, 4 lock NET: 8 mgd	E2V 20 x 16 x 4.5	Tie wrap	Standard	FPO75-B100C4D8E2V /	T4-A T4-B		
				Networked	FPO75-B100M8NL4E2V /			
		E4V 24 x 20 x 6.5	Tie wrap	Standard	FPO75-B100C4D8E4V /	T4-A T4-B		
				Networked	FPO75-B100M8NL4E4V /			
8DR	12V/4A and 24V/4A Outputs: STD: 16 aux, 8 lock NET: 16 aux, 8 mgd	E4V1 24 x 20 x 6.5	Tie wrap	Standard	FPO150-B100C82D8E4V1 /	T8-A T8-B		
				Networked	FPO150-B1002D8M8NL4E4V1 /			
		E6V 30 x 23 x 6.5	Tie wrap	Standard	FPO150-B100C82D8E6V /			P8-A P8-B
				Networked	FPO150-B1002D8M8NL4E6V /			
		E6V 30 x 23 x 6.5	Panduit style	Standard	FPO150-B100C82D8E6V /	P8-A P8-B		
				Networked	FPO150-B1002D8M8NL4E6V /			
16DR	12V/12A and 24V/10A Outputs: STD: 24 aux, 16 lock NET: 24 aux, 16 mgd	E4V1 24 x 20 x 6.5	Tie wrap	Standard	FPO150/250-2C83D8E4V1 /	T16-A T16-B		
				Networked	FPO150/250-3D82M8NL4E4V1 /			
		E6V1 30 x 23 x 6.5	Tie wrap	Standard	FPO150/250-2C83D8E6V1 /			P16-A P16-B
				Networked	FPO150/250-3D82M8NL4E6V1 /			
		E8V 36 x 30 x 6.5	Tie wrap	Standard	FPO150/250-2C83D8E8V /	P16-A P16-B		
				Networked	FPO150/250-3D82M8NL4E8V /			
		E6V1 30 x 23 x 6.5	Panduit style	Standard	FPO150/250-2C83D8E6V1 /	P16-A P16-B		
				Networked	FPO150/250-3D82M8NL4E6V1 /			
		E8V 36 x 30 x 6.5	Panduit style	Standard	FPO150/250-2C83D8E8V /	P16-A P16-B		
				Networked	FPO150/250-3D82M8NL4E8V /			
4DR RM	12V/2A and 24V/2A Outputs: STD: 8 aux, 4 lock NET: 8 mgd	VertX GEMINI R2U RACK DRAWER	Tie wrap	Standard	RGV75B-C4D8Z /	T4-A T4-B		
				Networked	RGV75B-M8NZ /			



\*Complete ProWire model number requires base model + wiring suffix (e.g., FPO150-B100C82D8E4V1/T8-A)  
Panduit option not available in smaller E2 / E4 enclosures

**Controller Wiring Options** (e.g. T8-A)

**Wire Management**  
T = Tie wrap  
P = Panduit

**Door Count**  
4, 8, 16

**Panel Wiring**  
A, B, C

**A** V1000 + V100

**B** All V100's



See ProWire data sheets / wiring guide for detailed specifications

# PROWIRE

## AMAG | Pre-wired Access Systems

Factory prewired for system power, lock power, communication, faults and tamper switch

Doors	Power/Outputs	Enclosure	Cabling	*Base Model		Wiring	Panel Layout
8DR	12V/4A and 24V/4A Outputs: STD: 8 aux, 8 lock NET: 8 aux, 8 mgd	E4A 24 x 20 x 6.5	Tie wrap	Standard	FPO150-B100C8D8E4A /	T8-A T8-C	
				Networked	FPO150-B100D8M8NL4E4A /		
		E6A 30 x 23 x 6.5	Tie wrap	Standard	FPO150-B100C8D8E6A /	T8-A T8-C	
				Networked	FPO150-B100D8M8NL4E6A /		
			Panduit style	Standard	FPO150-B100C8D8E6A /	P8-A P8-C	
				Networked	FPO150-B100D8M8NL4E6A /		
16DR	12V/12A and 24V/10A Outputs: STD: 8 aux, 16 lock NET: 8 aux, 16 mgd	E6A1 30 x 23 x 6.5	Tie wrap	Standard	FPO150/250-2C82D8E6A1 /	T16-A T16-C	
				Networked	FPO150/250-2D82M8NL4E6A1 /		
			Panduit style	Standard	FPO150/250-2C82D8E6A1 /	P16-A P16-C	
				Networked	FPO150/250-2D82M8NL4E6A1 /		
		E8A 36 x 30 x 6.5	Tie wrap	Standard	FPO150/250-2C82D8E8A /	T16-A T16-C	
				Networked	FPO150/250-2D82M8NL4E8A /		
			Panduit style	Standard	FPO150/250-2C82D8E8A /	P16-A P16-C	
				Networked	FPO150/250-2D82M8NL4E8A /		
8DR RM	12V/12A Outputs: STD: 8 auxiliary NET: 8 auxiliary	RGA RACK DRAWER	Tie wrap	Standard	RGA150-D8Z /	T8-A T8-C	
				Networked	RGA150-D8NZ /		
	Standard			RGA150B-F8Z /			
	Networked			RGA150B-NZ /			
12V/4A & 24V/4A Outputs: STD: 8 FAI lock							

\*Complete ProWire model number requires base model plus a wiring suffix (e.g., FPO150-B100C8D8E6A/T8-A)  
Panduit option not available in smaller E4 enclosure

RGA network configuration does not have managed (M8) outputs due to drawer space limits

### Controller Wiring Options (e.g. T8-A)

**Wire Management**  
T = Tie wrap  
P = Panduit

**Door Count**  
4, 8, 16

**Panel Wiring**  
A, C

**A**

M2150

**C**


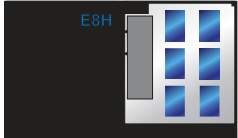
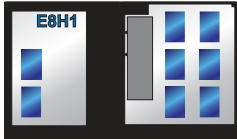

M4000



# PROWIRE

## Honeywell ProWatch | Pre-wired Access Systems

Factory prewired for system power, lock power, communication, faults and tamper switch

Doors	Power/Outputs	Enclosure	Cabling	Base Model	*Wiring	Panel Layout
4DR	12V/2A and 24V/2A Outputs: STD: 8 aux, 4 lock NET: 8 mgd	E4H 24 x 20 x 6.5	Tie wrap	Standard FPO75-B100C4D8PE4H /	T4-C T4-D	
				Networked FPO75-B100M8PNL4E4H /		
8DR	12V/4A and 24V/4A Outputs: STD: 16 aux, 8 lock NET: 16 aux, 8 mgd	E8H 36 x 30 x 6.5	Tie wrap	Standard FPO150-B100C82D8PE8H /	T8-C T8-D	
				Networked FPO150-B1002D8PM8NL4E8H /		
		E8H 36 x 30 x 6.5	Panduit style	Standard FPO150-B100C82D8PE8H /	P8-C P8-D	
				Networked FPO150-B1002D8PM8NL4E8H /		
16DR	12V/12A and 24V/10A Outputs: STD: 24 aux, 16 lock NET: 24 aux, 16 mgd	E8H1 36 x 30 x 6.5	Tie wrap	Standard FPO150/250-2C83D8PE8H1 /	T16-C T16-D	
				Networked FPO150/250-3D8P2M8NL4E8H1 /		
		E8H1 36 x 30 x 6.5	Panduit style	Standard FPO150/250-2C83D8PE8H1 /	P16-C P16-D	
				Networked FPO150/250-3D8P2M8NL4E8H1 /		
4DR RM	12V/2A and 24V/2A Outputs: STD: 8 aux, 4 lock NET: 8 mgd	RGH GEMINI R2U RACK DRAWER	Tie wrap	Standard RGH75B-C8PZ /  Networked RGH75B-M8PNZ /	T4-C T4-D	

\*Complete ProWire model number requires base model + wiring suffix (e.g., FPO150-B100C82D8PE8H/T8-C)  
Panduit option not available in smaller E4 enclosures

**Controller Wiring Options** (e.g. T8-C)

**Wire Management**  
T = Tie wrap  
P = Panduit

**Door Count**  
4, 8, 16


**Panel Wiring**  
C, D

**C**



PW7K1C / PW7K1R2

**D**



All PW7K1R2



Color coded lock wiring



Data sheets



Wiring Guide



16 door ProWire Panduit  
FPO150/250-3D8P2M8NL4E8H1/P16-C

See ProWire data sheets / wiring guide for detailed specifications

## Award winning web managed wall mount / rack mount power systems

Value Added Managed Services  
 24/7 power monitoring, battery health reporting, device trouble alerts

**Monitoring of**

- ♦ **Total System Health** Faults, output draw, battery state, temperatures
- ♦ **Output Condition** Current draw, voltage level and output status
- ♦ **Battery Activity** Charging current, discharge level, time to service
- ♦ **Power History** AC outages, time stamped faults, enclosure tampering

**Notifies**

- ♦ If AC is lost or restored
- ♦ When a Fire Alarm Input is activated
- ♦ If cameras or locks are drawing beyond their rated current
- ♦ When batteries are at low critical level

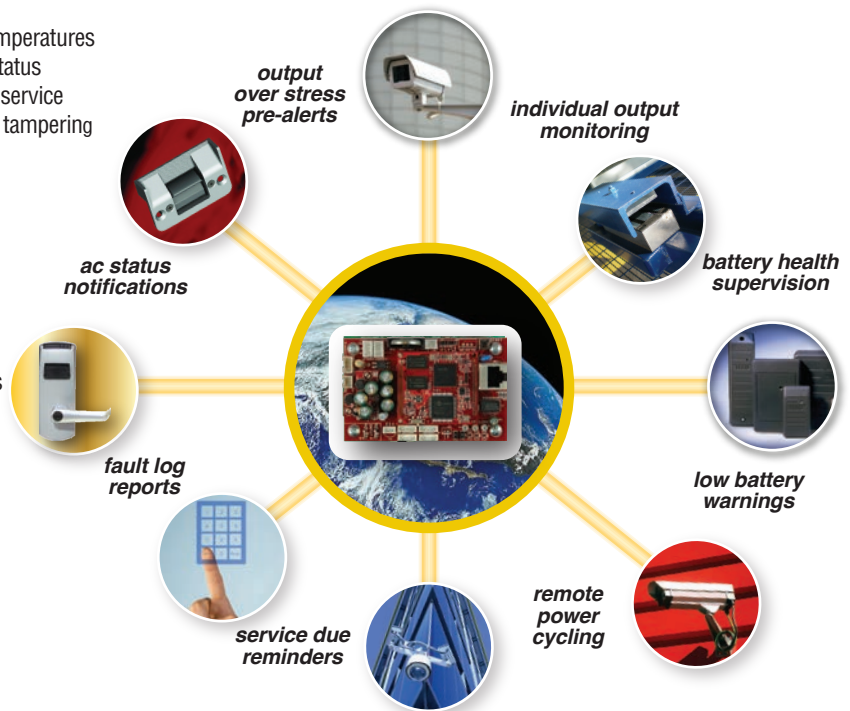
**Controls**

- ♦ Drop egress locks on Fire Alarm or loss of AC
- ♦ Use for lock control, camera reboot or other reset functions
- ♦ Scheduled or manual battery checks

**Saves**

*Each time typical on-site service functions are done remotely*

- ♦ Instant system access via smartphone, iPad, PC, etc.
- ♦ AC loss or trouble faults investigated
- ♦ Misbehaving locks or cameras power cycled
- ♦ Live monitoring of remote or dangerous areas
- ♦ Batteries tested remotely



**Power system dashboard**



**Remote output management**

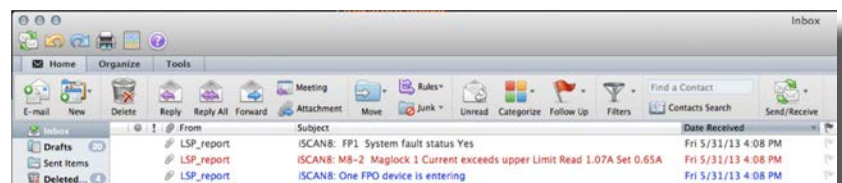
Device ID: M8-1		Model: M8		AC Power: ON				
Output #	Output Description	Voltage (V)	Current (A)	Power (W)	Power Ready	Control Input	FAI State	Output Status
1	Lobby door	25.136	0.210	5.278	Yes	Inactive	Disabled	Normal
2	Maglock 1	0.000	0.000	0.000	Yes	Inactive	Active	Normal
3	Maglock 2	24.298	0.270	6.477	Yes	Inactive	Disabled	Fault
4		0.000	0.000	0.000	Yes	Disabled	Disabled	Normal
5		0.000	0.000	0.000	Yes	Disabled	Disabled	Normal
6	Back parking	12.227	0.039	4.879	Yes	Active	Disabled	Normal
7	Doorstrike 1	12.286	0.375	4.435	Yes	Active	Active	Normal
8	Front parking	12.286	0.464	5.555	Yes	Inactive	Disabled	Normal

Enable Selected Outputs
Disable Selected Outputs
Enable All Outputs
Disable All Outputs
Save Settings

## Applications

- ♦ Supervise lock and camera operating power for over stress
- ♦ Power cycle DC cameras, NVRs, DVRs or any edge device
- ♦ Live monitoring of remote or dangerous areas
- ♦ Room temperature change alert for labs and server rooms
- ♦ Lock fail pre-alert for banks, casinos, high security etc.

**EMAIL / SNMP notification**





Pre-configured Network Systems

Model	Power	System	Current / Voltage	Outputs		Enclosure
				Auxiliary	Managed	
<i>Wallmount</i>						
ISCAN250-8	250W	Single Voltage	12A/12V or 6A/24V	8	8	20H x 16W x 4.5D
ISCAN250-16	250W	Single Voltage	12A/12V or 6A/24V	16	16	20H x 16W x 4.5D
ISCAN250-24	250W	Single Voltage	20A/12V or 10A/24V	24	24	24H x 20W x 6.5D
ISCAN250B-8	250W	Dual Voltage	4A/12V and 8A/24V	8	8	20H x 16W x 4.5D
ISCAN250B-16	250W	Dual Voltage	4A/12V and 8A/24V	16	16	24H x 20W x 6.5D
ISCAN75/75-8	150W	Dual Voltage	6A/12V and 3A/24V	8	8	20H x 16W x 4.5D
ISCAN150/250-16	400W	Dual Voltage	12A/12V and 10A/24V	16	16	24H x 20W x 6.5D

More configurations available - consult factory

Model	Power	System	Current / Voltage	Managed Outputs	Enclosure
RS75-M8	75W	Single Voltage	6A/12V or 3A/24V	8	R2U
RS150-M8	150W	Single Voltage	12A/12V or 6A/24V	8	R2U
RS150-M16	150W	Single Voltage	12A/12V or 6A/24V	16	R2U
RS250-M8	250W	Single Voltage	20A/12V or 10A/24V	8	R2U
RS250-M16	250W	Single Voltage	20A/12V or 10A/24V	16	R2U
RS250B-M8	250W	Dual Voltage	4A/12V and 8A/24V	8	R2U
RS250B-M16	250W	Dual Voltage	4A/12V and 8A/24V	16	R2U



**Rackmount / Wallmount**

- ◆ Single voltage up to 250W
- ◆ Dual voltage up to 400W

**Multiple outputs / maximum flexibility**

- ◆ 8 - 24 managed outputs for critical device monitoring
- ◆ Auxiliary outputs for non-critical devices (wallmount only)

**Large enclosures for future expansion**

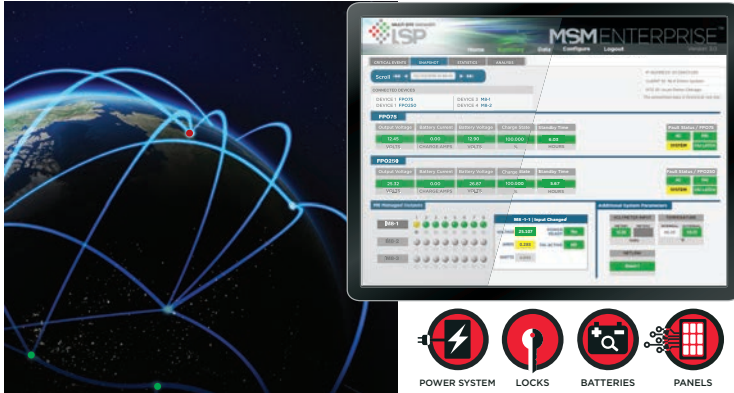
- ◆ Increase power or add additional outputs
- ◆ Add more battery capacity



ISCAN250B-8



manage and control access power across every location through a single interface



**Ordering**

**MSM25**

**Description**

25 System License Block for MSM-Enterprise

(Combine license blocks to add systems in increments of 25)

[Free demo available \(4 system max\). See page 4 for download instructions](#)

**Overview**

The MSM-Enterprise software package allows the user to manage, control, and analyze hundreds of LifeSafety Power networked power systems across multiple locations through one user interface. A PC-driven platform using a robust software database, MSM-Enterprise lets users gain real-time insights into critical information and data related to their networked power solutions, allowing proactive performance assessment through managed power services.

**Multiple Data Screens For Event Analysis**

**Enterprise view - all sites**



**Site view**



**Site statistics**



**Critical events**

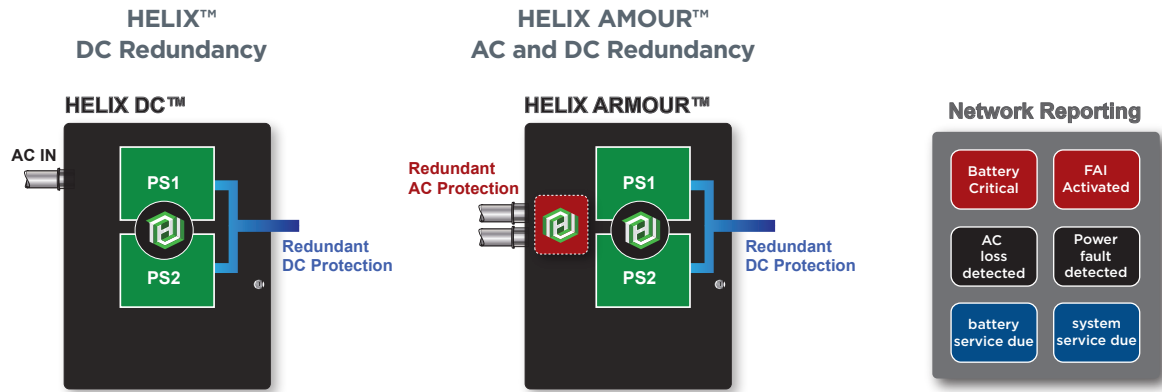


**Event analytics**



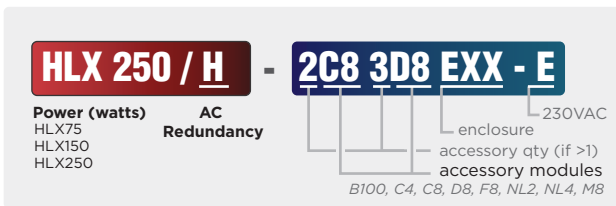
**Event log**





configurations also available in rackmount *contact factory for details*

HELIX AMOUR™ AC & DC Model Configuration



Redundant AC & Redundant DC System			
Input	Output**	Model No.	Outputs
120 VAC	12V or 24V	HLX150/H-NL4E2	1
	12V or 24V	HLX150/H-D8NL4E2	8
	12V or 24V	HLX150/H-2D8NL4E2	16
208 or 230 VAC	12V or 24V	HLX150/H-NL4E2/E	1
	12V or 24V	HLX150/H-D8NL4E2/E	8
	12V or 24V	HLX150/H-2D8NL4E2/E	16

\*\*User sets either a 12 or 24V output

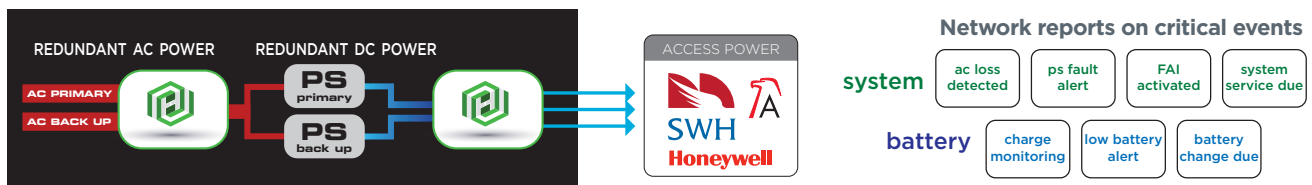
HELIX™ DC Model Configuration



Redundant DC Wallmount System			
Input	Output**	Model No.	Outputs
120 VAC	12V or 24V	HLX150-NL4E2	1
	12V or 24V	HLX150-D8NL4E2	8
	12V or 24V	HLX150-2D8NL4E2	16
208 or 230 VAC	12V or 24V	HLX150-NL4E2/E	1
	12V or 24V	HLX150-D8NL4E2/E	8
	12V or 24V	HLX150-2D8NL4E2/E	16

\*\*User defines output voltage

HELIX™ Mission Critical Protection



HELIX GENERAL SPECIFICATIONS

INPUT	Input 120VAC / 230VAC 50/60 Hz	BATTERY CHARGING	Independent built-in lead acid battery charger
	Thermal overload protection		Dual rate charging of 12 or 24V battery sets
	Short circuit protection		Auto transfer to battery when AC fails
OUTPUT	DC1 continuous output	AC SUPERVISION	Management of AC line (/H models)
	120 mV output voltage ripple		120 mV output voltage ripple
	Power distribution: user defined		Power distribution: user defined
INTERNAL PS INDICATORS	AC input and DC1 output	DC SUPERVISION	Power Supply, battery sets, external temperature
	System and AC Faults		Email, SNMP, XML reporting
	Ground fault, reverse battery		
EXTERNAL INDICATORS	AC On	AGENCY LISTING	UL294, UL603, UL1076, ULC S318, S319 CSA C22.2 #107.1 / CSA 22.2 #60950 CE
	Distributed outputs		



*Rack mount systems can be configured many other ways. Contact factory with requirements*

### RC Series - Features

- 120VAC input or user select 230VAC supports data center electrical systems
- Each input and output has dedicated two terminal pair
- Direct power supply output terminals for flexibility
- Comprehensive fault detection and reporting
  - ◆ Form C contact transfer for AC Loss or brownout
  - ◆ Form C contact transfer for abnormal system operation

- Fire Alarm Interface
  - ◆ Latching or Non-latching | Remote reset capability
  - ◆ Normally Open, Normally Closed, Voltage, or Polarity Reversal Activation
- High capacity battery charging | Independent charging circuit
- Automotive fuses for improved ease of service
- Removable faceplate for serviceability
- Lifetime Warranty

### RC Series Rackmount - Control Outputs

Model	Power	Outputs	Description
RC75-C8	75W	8	8 Control Outputs 75W, 6A/12V or 3A/24V
RC150-C8	150W	8	8 Control Outputs 150W, 12A/12V or 6A/24V
RC250-C16	250W	16	16 Control Outputs 250W, 20A/12V or 10A/24V
RC250B-C8D8	250W	8 / 8	8 Control, 8 Aux Outputs 250W, 4A/12V and 8A/24V
RC150B-C16	150W	16	16 Control Outputs 150W, 4A/12V and 4A/24V
RC250B-C16	250W	16	16 Control Outputs 250W, 4A/12V and 8A/24V
RC75/150-C16	225W	16	16 Control Outputs 225W, 6A/12V (3A/24) and 12A/12V (6A/24V)
RC150/250-C16	400W	16	16 Control Outputs 400W, 12A/12V (6A/24) and 20A/12V (10A/24V)

*For remote power supply monitoring add "N" suffix to pn, i.e. RC-75C8N*

### RD Series - Features

- 120VAC input or user select 230VAC supports data center electrical systems
- Each input and output has dedicated two terminal pair
- Direct power supply output terminals for flexibility
- Comprehensive fault detection and reporting
  - ◆ Form C contact transfer for AC Loss or brownout
  - ◆ Form C contact transfer for abnormal system operation

- Fire Alarm Interface
  - ◆ Latching or Non-latching | Remote reset capability
  - ◆ Normally Open, Normally Closed, Voltage, or Polarity Reversal Activation
- High capacity battery charging | Independent charging circuit
- Automotive fuses for improved ease of service
- Removable faceplate for serviceability
- Lifetime Warranty

### RD Series Rackmount - Distributed Outputs

Model	Power	Outputs	Description
RD75-8	75W	8	8 Outputs 75W, 6A/12V or 3A/24V
RD150-8	150W	8	8 Outputs 150W, 12A/12V or 6A/24V
RD150-16	150W	16	16 Outputs 75W, 12A/12V or 6A/24V
RD250-16	250W	16	16 Outputs 250W, 12A/20V or 10A/24V

*For remote power supply monitoring add "N" suffix to pn, i.e. RD75-8N*



*Rack mount systems can be configured many other ways. Contact factory with requirements*

*RS rackmount systems are UL listed for Access control*

**RS - Features**

- 120VAC input or user select 208 / 230VAC supports data center electrical systems
- Each input and output has dedicated two terminal pair
- Direct power supply output terminals for flexibility
- Comprehensive fault detection and reporting
  - ◆ Form C contact transfer for AC Loss or brownout
  - ◆ Form C contact transfer for abnormal system operation
- Fire Alarm Interface
- Latching or Non-latching | Remote reset capability
  - ◆ Normally Open, Normally Closed, Voltage, or Polarity Reversal Activation
- High capacity battery charging | Independent charging circuit
- Automotive fuses for improved ease of service
- Removable faceplate for serviceability
- Lifetime Warranty

**RS - Network Features**

- Monitor and report system integrity, battery health and output condition
- Remote diagnostic servicing of host power supply(s) and battery set
- Monitoring of DC output voltage/current, AC status, battery status, internal / external temperatures
- Conduct remote battery load test
- Remote reset individual outputs
- Time / date stamp log reports on last 1000 events
- Email or SNMP Notification (get, set, trap)

**RS Series Rackmount - Network Managed Outputs**

Model	Power	Outputs	Description
RS75-M8	75W	8	8 Managed Outputs 75W, 6A/12V or 3A/24V
RS150-M8	150W	8	8 Managed Outputs 150W, 12A/12V or 6A/24V
RS250-M16	250W	16	16 Managed Outputs 250W, 20/12V or 10A/24V
RS250B-M8	250W	8	8 Managed Outputs 250W, 4A/12V and 8A/24V
RS250B-M16	250W	16	16 Managed Outputs 250W, 4A/12V and 8A/24V

**Keyscan System and Lock Power**

Model	AC Outputs		DC Outputs		Description	Enclosure
	Power	Current	Power	Current		
<b>KS75-D8E2</b>	200VA	16.5VAC (x2)	75W	6A/12V or 6A/24V	AC powers Keyscan, 8 outputs for locks (75W)	20H x 16W x 4.5D
<b>KS150-D8E2</b>	200VA	16.5VAC (x2)	150W	12A/12V or 6A/24V	AC powers Keyscan, 8 outputs for locks (150W)	20H x 16W x 4.5D
<b>KS250-D8E2</b>	200VA	16.5VAC (x2)	250W	20A/12V or 10A/24V	AC powers Keyscan, 8 outputs for locks (250W)	20H x 16W x 4.5D

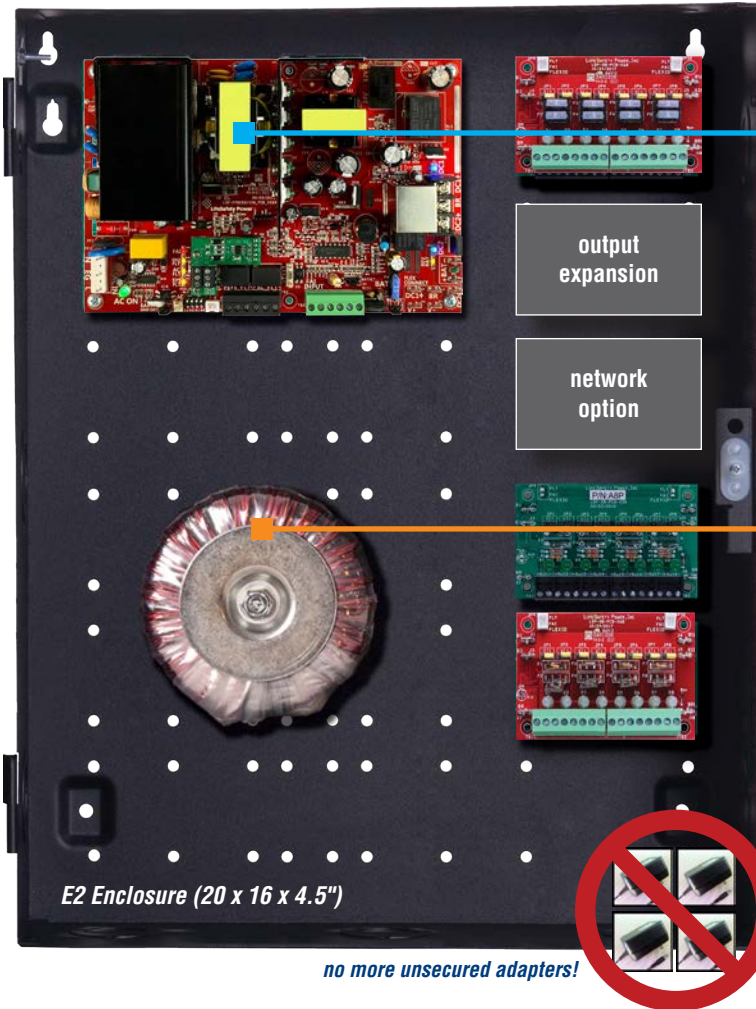
*For Class 2 power limited outputs order model with - D8PE2 suffix*

**Kantech System and Lock Power**

Model	AC Outputs		DC Outputs		Description	Enclosure
	Power	Current	Power	Current		
<b>KT75-D8E2</b>	200VA	16VAC (x2)	75W	6A/12V or 6A/24V	AC powers Kantech, 8 outputs for locks (75W)	20H x 16W x 4.5D
<b>KT150-D8E2</b>	200VA	16VAC (x2)	150W	12A/12V or 6A/24V	AC powers Kantech, 8 outputs for locks (150W)	20H x 16W x 4.5D
<b>KT250-D8E2</b>	200VA	16VAC (x2)	250W	20A/12V or 10A/24V	AC powers Kantech, 8 outputs for locks (250W)	20H x 16W x 4.5D

*For Class 2 power limited outputs order model with - D8PE2 suffix*

*Note: KS and KT models integrate system and lock power only. Controllers mount in their own enclosure*



**All-in-One AC, DC Hybrid Power**

➤ **DC Lock Power Features**

- ◆ one FPO Power Supply
  - ◆ 12V or 24V DC field select
  - ◆ Three configuration options 75W, 150W, 250W
- ◆ Eight distributed power outputs
  - ◆ either fused or class 2 power limited option

➤ **Lock Power Flexibility**

- ◆ one continuous and one resettable output, programmable failsafe or failsecure with latch mode for Canada

➤ **AC Access Power Transformer**

- ◆ 200VA transformer with dual independent Class 2 power limited outputs
- ◆ AC is individually power limited to each access panel

➤ **One AC Drop into a Secured Enclosure**

- ◆ eliminates duplex receptacles and external Class 2 wall mount transformers
- ◆ AC is individually power limited to each access panel

➤ **Factory pre-wired systems**

- ◆ Saves shop labor, speeds jobsite installation

*no more unsecured adapters!*



BITSTREAM Model Number	POE+ Ports	Universal Input	Integrated 48VDC Battery Charger	Remote port power cycle	Port disable on external trigger input	Email fault notification	All Ports IEEE802.3bt
BT500-8	8	✓	✓	✓	✓	✓	✓
BT500-16	16	✓	✓	✓	✓	✓	✓

**BT500 FEATURES**

**High Speed Network Compatible**  
 10 / 100 / 1000 network compatibility

**Fully Network Managed** View PoE output port voltage, current, power, and status locally or remotely. Disable or perform a timed reset of any or all ports.

**Universal AC Input** Accepts 85-265VAC input for worldwide operation on any power source - automatically.

**500W Total Output** High power output of 500W combined (maximum 90W per port - 802.3bt compatible).

**Built-in 48V SLA Battery Charger** Integrated battery charger provides dedicated backup for all connected PoE devices, reducing load on rack UPS. Battery monitoring provides battery voltage and connection status remotely.

**Front Panel Port Status Indication**  
 Dual color port LEDs indicate normal or fault conditions per zone. Green/Normal or Yellow/Fault

**Strong Cybersecurity Protection**  
 Configurable port settings, certificate selection, complex password settings, and other cybersecurity settings provide strong protection against cyber attack.

**User Control** Multiple user access levels with user activity log to track configuration changes and actions by user.

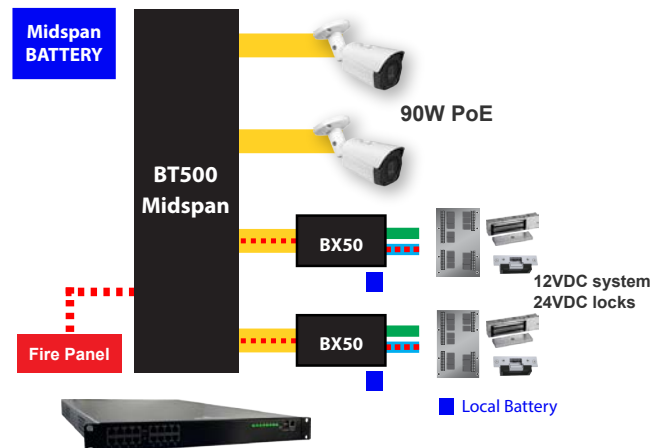
**Local Shutdown Input** Batch shutdown terminals accept a dry contact for local shutdown of selected outputs, independent of the fire alarm disconnect.

**MSM Enterprise Compatible** Monitor status of all LSP network connected devices and perform batch firmware updates through MSM Enterprise monitoring software.

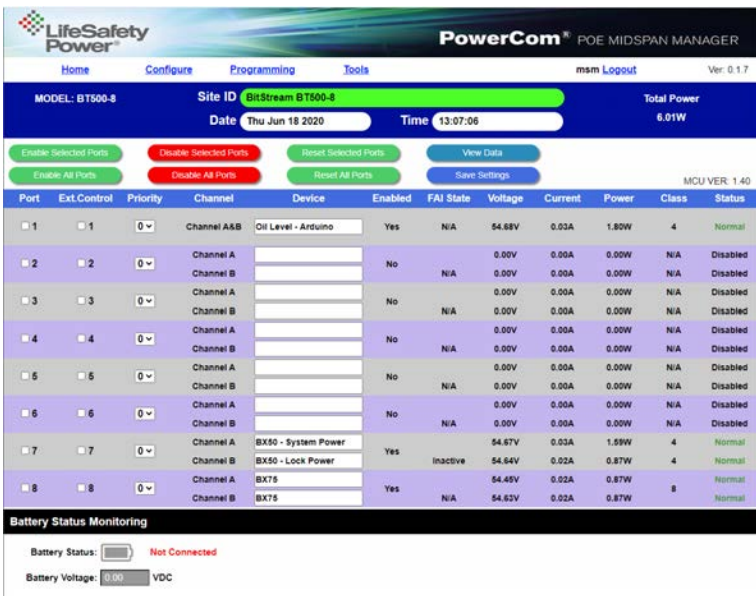
**BT500 - FIRE OVER ETHERNET™**

**FoE™** When paired with a BX50 PoE splitter, the BT500 can drop lock power on a fire alarm condition from a single fire alarm disconnect at the BT500. This eliminates the need to pull wiring for an FAI connection to each door, saving cost and simplifying installation.

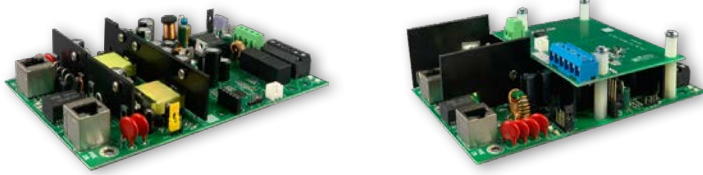
**BX50 Fire Over Ethernet™**



**BT500 DASHBOARD**



BITSTREAM™ **BX** series



**BX50 | 50W**

**BX75 | 75W**



BX Key Benefit
<b>Fire Alarm Disconnect</b> - local or centralized Fire Over Ethernet™
<b>Built-In Charger</b> - supports SLA or Lithium Iron Phosphate batteries
<b>OutSmart™</b> - visual voltage verification technology
<b>Built in low battery cutoff</b> - prevents deep discharge
<b>FlexPower Modularity</b> - Works with any LSP enclosure or accessory
<b>Separate Fault Relays</b> - Separate PoE and Battery Fault Relays

**MODEL BUILDER**

**BX 75 - C4 D8 NL4 E2**

BITSTREAM™  
POE ACCESS POWER

MODEL  
BX50 | BX75

ENCLOSURE  
E5 - 8.5" x 11" x 3"  
E1 - 14" x 12" x 4.5"  
E2 - 20" x 16" x 4.5"

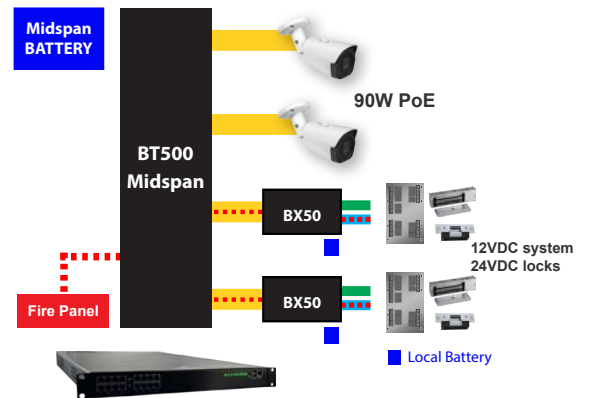
ACCESSORY BOARDS

C4 - 4 controlled    D8 - 8 auxiliary  
C8 - 8 controlled    M8 - 8 managed  
NL4 - Network Module

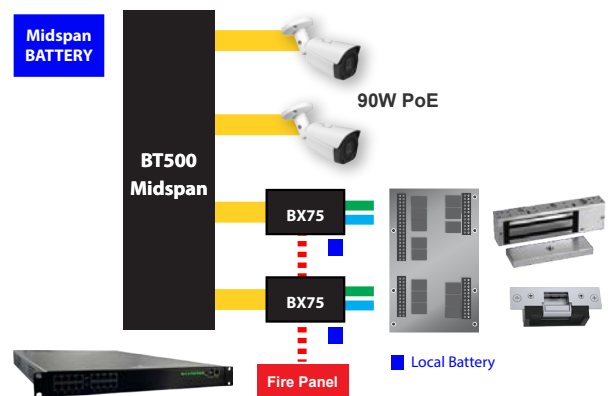


**APPLICATIONS**

**BX50 Fire Over Ethernet™**



**BX75 Local Fire Alarm Disconnect**

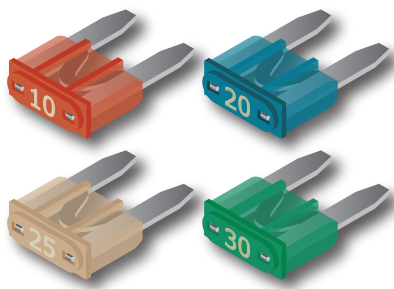




Hardware / Cables

Item	Description
RB8	8A DPDT auto-voltage sensing relay module
3A Fuse	3A ATM style fuse - bag of 25
5A Fuse	5A ATM style fuse - bag of 25
7.5A Fuse	7.5A ATM style fuse - bag of 25
10A Fuse	10A ATM style fuse - bag of 25
15A Fuse	15A ATM style fuse - bag of 25
30A Fuse	30A ATM style fuse - bag of 25
Nylon Standoffs	PCB standoffs (bag of 25)
Camlock Set	Lock, key and cabinet clip
Battery Harness	Battery harness (qty 5)
Accessory board cable - short	12" dual buss harness / FlexIO cable (qty 2)
Accessory board cable - long	18" dual buss harness / FlexIO cable (qty 2)
AC Harness	FPO 110/230VAC AC cable (qty 2)
Battery Shelf	

ATM Style Fuses



Nylon Standoffs



**Standard Enclosures**

Item	H x W x D	Description
E5	8.5H x 11W x 3D encl	Smallest enclosure for edge controllers
E1	12H x 14W x 4.5D encl	Small enclosure for general power systems
E2	20H x 16W x 4.5D encl	Medium enclosure for general power systems
E4	24H x 20W x 6.5D encl	Large enclosure for general power systems

**Battery Enclosures**

E2-BS1	20H x 16W x 4.5D encl	E2 Enclosure (1) shelf
E2-2BS1	20H x 16W x 4.5D encl	E2 Enclosure (2) shelves
E4-2BS1	24H x 20W x 6.5D encl	E4 Enclosure (2) shelves
E4-3BS1	24H x 20W x 6.5D encl	E4 Enclosure (3) shelves
BS1	15.00" Wide X 4.00" Deep	E2, E4 battery shelf 15.00"W x 4.00"D. Accomodates 4-18Ah battery sizes

**Basic Power Enclosures**



**Battery Enclosures**



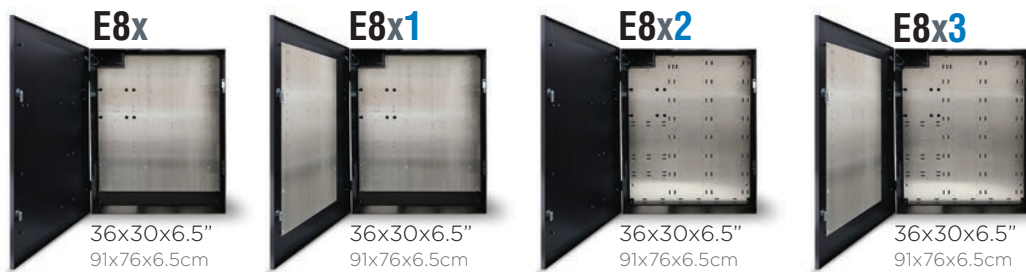
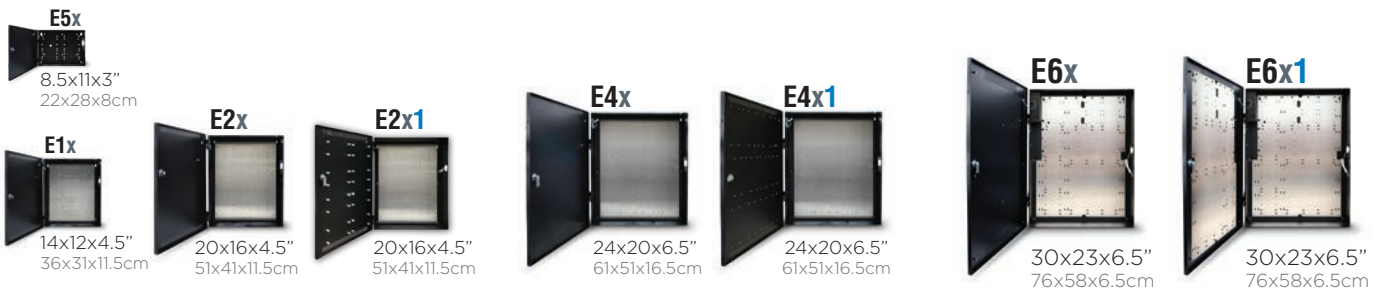
**BS1 Battery Shelf**



Unified Power Enclosures

Item	H x W x D	Door Mount	Mercury	HID	SWH	Gallagher	Honeywell	Brivo	AMAG
E1x	12H x 14W x 4.5D		X	X					
E2x	20H x 16W x 4.5D		X	X					
E4x	24H x 20W x 6.5D		X	X	X	X	X	X	X
E4x1	24H x 20W x 6.5D	Yes	X	X			X		
E4x2	24H x 20W x 6.5D	Yes	X	X					
E6x	30H x 23W x 6.5D		X	X	X	X	X	X	X
E6x1	30H x 23W x 6.5D	Yes	X	X					
E8x	36H x 30W x 6.5D		X	X	X	X	X		X
E8x1	36H x 30W x 6.5D	Yes	X	X	X	X	X	X	
E8x2	36H x 30W x 6.5D		X	X					
E12x	48H x 36W x 8D		X		X		X		

Unified Power Enclosures



E12x





**LifeSafety Power®**

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Agency Listings

- UL294, UL2610 | ULC S319
- CSA C22.2 #107.1
- FCC Part 15 Subpart B
- IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014
- EN61000-3-3:2013, EN55024:2010 +A1:2015
- CE | UKCA | BIS IS13252(Part1):2010 | NOM 001:2018 | RCM, SAA
- CSFM approved | ROHS 3 Leadfree