

### Overview

LifeSafety Power/Gallagher Security integrated access power systems combine Gallagher 6000 series controllers with LSP's advanced power modules within a single enclosure.

**Standard** models provide 20A at 12V and 10A at 24VDC. Twenty four fused lock outputs are controlled by the 6000 controller and protect the controller's relays from high current lock switching. Twenty four fused auxiliary outputs are available for powering Request To Exit (REX) or other devices.

**Networked** models add network management to the dual voltage standard features. Network management allows measurement of lock voltage and current, scheduled remote automated battery testing, email alerts on trouble conditions or impending lock failure, and more.

**Pre-wired** models feature pre-terminated wiring harnesses for the Gallagher 6000 controllers, saving wiring time and providing consistent results across multiple locations. Prewired models use color-coded wiring for power, lock outputs, RS485 communication, faults, and tamper switch.



### Standard Features

- ◆ Integrated power & access
- ◆ 120 or 230VAC input
- ◆ SLA or LiFePO4 battery charging
- ◆ Aux & lock power outputs

### Managed Benefits

- ◆ **Monitor:** ac power, system faults, service due
- ◆ **Control:** device power cycle, remote battery test
- ◆ **Predict:** battery life, lock replacement
- ◆ **Report:** 1000 event log, fault analysis

### Pre-wired Points

- ◆ Factory installed wiring harness
- ◆ System power / locks / RS485 / tamper
- ◆ Screwdriver ready panel installation
- ◆ Point to point wiring documentation

DOORS	TYPE	CONFIGURATION	MODEL NUMBER TO ORDER	POWER	OUTPUTS	CABINET SIZE
24DR	STANDARD	Non-wired	C3057232	20A @ 12V and 10A @ 24V	24 Lock 24 Auxiliary	<b>E8G</b> 36H x 30W x 6.5D
		Pre-wired	C305733			
	NETWORK	Non-wired	C305734		24 Managed 24 Auxiliary	
		Pre-wired	C305735			

*Pre-wired cabinets wired for 6000/8H. Models configured are 120VAC - see product manual for in-field 230VAC modification.*

### Certifications / Warranty

- ◆ UL | ULC | CE | BIS | NOM | FCC | CSFM | ROHS
- ◆ Lifetime Warranty



**Power Specifications**

<b>Input Power</b>	Input 120/230 VAC slectable input, 50/60 Hz ±10% Dual voltage: 564W Overload and short circuit protection   Over temperature protection
<b>Output Power</b>	Dual voltage: 12V@20A and 24V@10A   Continuous duty cycle - no derating 120 mV output voltage ripple   System efficiency 87%   BTU Rating 218 (dual voltage)
<b>Battery Charging</b>	Microprocessor dual rate charger with integrated low battery cutoff 2A charge rate   Charges up to 80 Ah battery sets within UL limit Automatic switchover to standby battery when AC fails   Zero voltage dropout when switched over to battery backup
<b>Power Distribution</b>	All models: 24 auxiliary outputs, fused at 3A each Standard: 24 relay lock control outputs, fused at 3A each Network: 24 relay managed outputs, fused at 3A each
<b>Supervision</b>	AC Fail (form "C" contacts)   System fail (form "C" contacts) may be triggered by: low/no battery, power supply failure, blown fuse
<b>LED Visual Indicators</b>	AC input, DC outputs, AC fault, system fault, earth ground fault, fire alarm activation D8 / C8 / M8: Bicolor DC output: blue (if 24V) / green (if 12V)
<b>Enclosure Mechanical</b>	E8G: 36H x 30W x 6.5D (910 x 760 x 245) mm   Weight: 65 lb (30 kg)   lockset and tamper switch included
<b>Panel Wiring</b>	Cabinet factory wired for power, lock control, faults, tamper switch Controller Wiring = Three (3) 6000 / 8H 
<b>Cable Management</b>	Cable management Panduit (P)
<b>Regulatory Compliance</b>	<b>USA/Canada</b> UL294, UL1076   ULC S319   CSA C22.2 #107.1   FCC Part 15   CSFM <b>International</b> CE: IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010 +A1:2015 India BIS IS13252(Part1):2010   Mexico NOM 001:2018

**LSP Gallagher Power Family**

PRODUCT GUIDE 

STANDARD  
NETWORK

PRE-WIRED 



**standard**  
C305766  
C305767   
**network**  
C305768  
C305769 



**8DR**

**standard**  
C305724  
C305725   
**network**  
C305726  
C305727 



**16DR**

**standard**  
C305728  
C305729   
**network**  
C305730  
C305731 



**24DR**

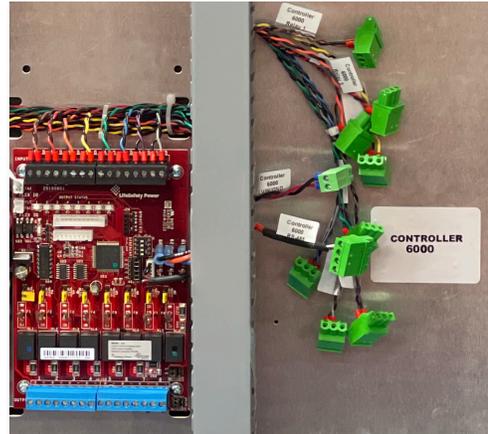
**standard**  
C305732  
C305733   
**network**  
C305734  
C305735 

Pre-wired models

Factory Wired Terminations

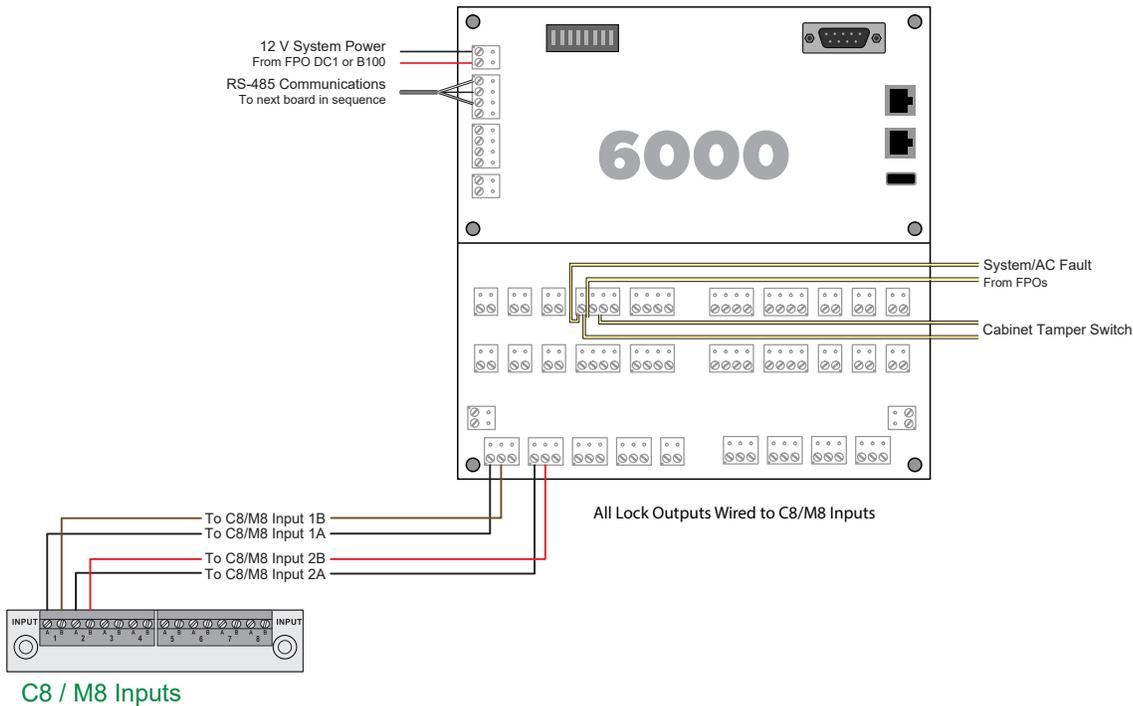


- System Power
- Lock Power
- PSU Faults
- Tamper Switch
- Aux Distribution
- Lock Control
- RS485



- Consistent color-coded twisted pair wiring
- Shielded communication wiring
- Pre-terminated wiring harnesses for plug-in connections
- Panduit wire management

6000 Wiring (see Gallagher ProWire® Companion for complete wiring guide)

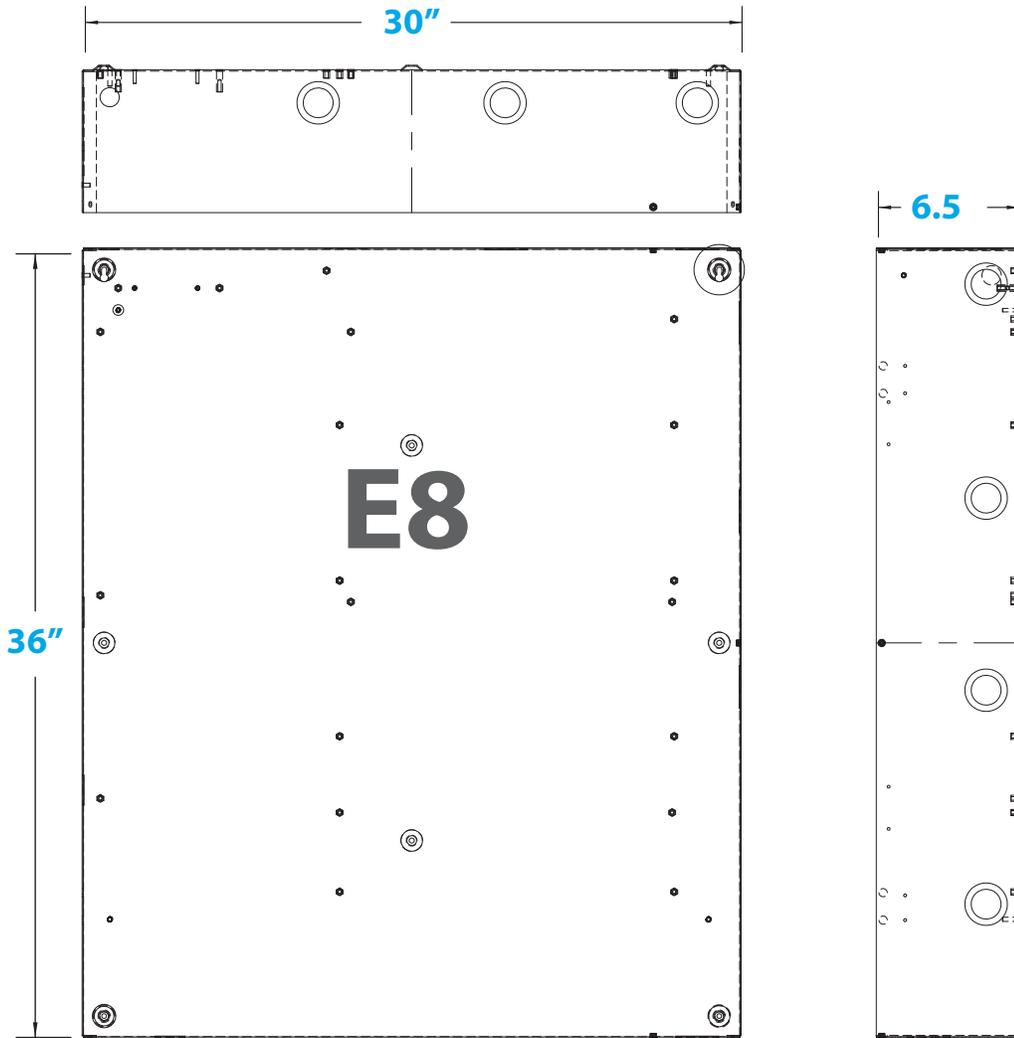


Wiring Detail

- Power to Gallagher controller
- RS485 communication
- Lock control input wiring
- Power supply faults
- Tamper switch

Mechanical Specification

E8 Enclosure Dimensions  
36H x 30W x 6.5D in



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Specifications subject to change without notice.

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7AH Battery Fit

