

GEMINI™ RGS Series

Software House Integrated Rackmount Systems

UL, CUL, CE Listed Systems  
Single, Dual Voltage Configurations  
with Patented LSP Network Management



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[tab title="Products"]

Model No.	Network	Voltage	Power
Bulk	Auxiliary	Control	Managed
<a href="#">RGS150Z</a>		Single	12A/12V or 6A/24V
<a href="#">RGS150-D8Z</a>		Single	12A/12V or 6A/24V

[RGS150-C8Z](#)  Single 12A/12V or 6A/24V

[RGS150-C8D8Z](#)  Single 12A/12V or 6A/24V

[RGS150-M8NZ](#)  Single 12A/12V or 6A/24V

[RGS150-D8M8NZ](#)  Single 12A/12V or 6A/24V

[RGS150B-D8Z](#)  Dual 4A/12V and 4A/24V

[RGS150B-C8Z](#) ☐ Dual 4A/12V and 4A/2

[RGS150B-D8NZ](#) ☒ Yes Dual 4A/12V and 4A

[RGS150B-M8NZ](#) ☒ Yes Dual 4A/12V and 4A

[RGS75/150-D8Z](#) ☐ Dual 6A/12V and 6A

[RGS75/150-C8Z](#) ☐ Dual 6A/12V and 6A

GEMINITM RGS Series is the industry's only integrated Software House rackmount system designed to provide both operating power and a mechanical housing for ISTAR Ultra access control components. The RGS150, RGS75/150 deliver 150 or 225 Watts with mounting for one (1) Ultra or UltraSE ACM panel and multiple LifeSafety Power components in an access control system capable of controlling eight doors as a standalone rackmount system or multiple doors when interconnected. LSP power and distribution modules are pre-wired into the RGS enclosure. SWH controller is installed by the integrator based on job requirements.

[/tab] [tab title="Overview"] Available options include 150 Watts single or dual voltage or 225 Watts dual voltage operation with power distribution and control, individual fused output protection (class 2 power limiting also available), buffered lock control, and remote reporting and test. Each LSP output is protected against electrical surges caused by lightning or transients on the external wiring (SurgeShield

TM

) and each LSP control output is individually selectable for available DC voltages, and either failsafe or failsecure operation with fire alarm interface. Optional network reporting capabilities include: operational fault status; power supply output; battery

charging voltage; battery charging current; and fire alarm input status. In addition to automated and scheduled status reports, diagnostic servicing and battery load tests can be performed remotely, saving or reducing the cost of on-site servicing.

## **Product highlights**

- Integrated Software House™ rackmount system
- Unique UL, CUL, CE LSP/SWH joint access power listing
- 120 or 230V AC user selectable input supports data center electrical systems
- Single or dual voltage options cover all access functions
- Power distribution options allow either direct or buffered lock control
- Individual output selection for failsafe, failsecure, lock voltage and fire alarm interface
- Network models enable power reporting, battery test and output control functions
- Easy door expansion with multiple RGS models
- 2U drawer on extendable slides simplifies controller installation
- Integrated wire management tie slots and articulating arm
- High capacity battery charge capability
- Automotive fuses for ease of service and replaceability
- 2U rackmount battery housing available. PN: RBE

## **Reliability and Safety**

- RoHS Compliant

- Lifetime warranty

# Agency Listings

- UL 294 / UL 603 / UL 1076
- ULC S318, S319
- CE
- FCC Part 15, subpart B

## [Product Warranty](#)

[/tab] [tab title="Technical Documents"]

Model #	Datasheet	Install Manual	CAD Files
RGS150	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a> <a href="#">AG</a>
RGS75/150	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a> <a href="#">AG</a>

[/tab] [tab title="Support"]

Troubleshooting Guide  
[FPO Troubleshooting](#)  
[ing Office](#)

Factory Contact  
[Email Customer Service](#)

Business Contact  
[Account](#)

[Accessory Troubleshooting](#) [Email Technical Department](#)  
[Area Sales Representatives](#)

[/tab] [tab title="Tools & Software"]

## **Tools & Software**

Excel spreadsheets designed by the LifeSafety Power technical department to aid the installer in required calculations and example configurations of LifeSafety Power equipment when used in commonly found system applications.

Calculators / Software

[PowerCom-USB Download](#)

[Ohms Law Calculator](#)

[Battery Size Calculator](#)

[Battery Capacity Calculator](#)

[Wire Size Calculator](#)

[Voltage Drop Calculator](#)

[FlexCalculator Suite](#)

Application Notes

[AN40 Gemini 2 Post Rack Mounting](#)

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