GEMINI™ RGV Series

HID VERTX and Aero 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

RGV75-Z		Single	6A/12 or 3A/24

RGV75-D8Z		Single	6A/12 or 3A/24

[RGV75-C8Z](#)		Single	6A/12 or 3A/24	
[RGV75-M8NZ](#)	Yes	Single	6A/12 or 3A/24
[RGV75B-C8Z](#)		Dual	2A/12 and 2A/24
[RGV75B-C8D8Z](#)		Dual	2A/12 and 2A
[RGV75B-M8NZ](#)	Yes	Dual	2A/12 and 2A/

[RGV150Z](#)		Single	12A/12 or 6A/24
[RGV150-D8Z](#)		Single	12A/12 or 6A/24
[RGV150-C8Z](#)		Single	12A/12 or 6A/24
[RGV150B-C8D8Z](#)		Dual	4A/12 and 4/
[RGV150B-M8NZ](#)	Yes	Dual	4A/12 and 4A

| [RGV-XZ](#) | Drawer only | | |

GEMINITM RGV Series is the industry's only integrated HID VERTX or Aero rackmount system designed to provide both operating power and a mechanical housing for HID access control components. The RGV75 / RGV150 deliver 75 or 150 Watts with mounting for HID and multiple LifeSafety Power components in an access control system capable of controlling four doors as a standalone rackmount system or multiple doors when interconnected. LSP power and distribution modules are pre-wired into the RGV enclosure. HID controllers are installed by the integrator based on job requirements.

  [/tab] [tab title="Overview"] Available options include 75 or 150 Watts in single or dual voltage operation with power distribution and control, individual output protection by either fuses or class 2 power limiting, 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 HID Vertx or Aero rackmount system
-   UL, CUL, CE 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 RGV 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

RGV75	DS IM CAD AG
RGV150	DS IM CAD AG

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

Troubleshooting Guide   Factory Contact   Business Contact

FPO Troubleshooting   Email Customer Service   Account

[ing Office](#)

[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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