



Software House PSX Power Solutions Rack Mount Power Supply Models



Key Benefits

- Removable terminal strips for field wiring
- Input and output surge suppression
- Automotive blade fuses for improved reliability
- Enclosed in a 16 gauge steel 2U rack mount chassis
- Flexible design of PSX-RGS allows for any system configuration
- Rack draw slide assembly on PSX-RGS simplifies controller wiring and maintenance
- 120 or 230V AC user selectable input supports data center electrical systems

Single and Dual Rack Mount Power Supplies

PSX Power Solutions Rack Mount Power Supplies provide DC power for LifeSafety applications. Designed to fit neatly into standard 19" equipment racks, the streamlined cabinetry and exceptional features combine to significantly reduce installation and service costs.

The unit comes equipped with LED indicators that indicate current status. The unit will accept an optional remote management device providing remote monitoring, remote battery testing, along with many other capabilities.

PSX-RGS Rack Mount Power Supply Enclosures

The PSX-RGS rack mount power supply enclosures are designed to provide a mechanical housing for PSX power supplies, PSX accessory modules and Software House access control components. The 75W or 150W power system provides mounting for iSTAR Ultra or iSTAR Ultra SE ACM boards (max 2) or GCM boards (max 2) mounting within a standard EIA 19" electronics rack and have a maximum depth of 36". This universal enclosure offers the flexibility to configure your system setup in any capacity, whether it be controlling eight doors as a standalone, multiple doors when interconnected or a convenient empty rack draw for custom configurations.



Specifications

Single and Dual Rackmount Power Supplies

Physical	
Dimensions	3.8 H x 17.5 W x 14 D in (97 H x 445 W x 356 D mm)
Weight	Can vary based on configuration
Temperature	
Ambient Temp.	0°C to 49°C (32°F to 120°F)
Ambient Humidity	93% at 32°C (90°F) max
Storage Temp.	-30°C to 70°C (-22°F to 158°F)
Power	
Power Input	PSX-75: 83W AC Max PSX-150: 170W AC Max PSX-250: 282W AC Max
Power Voltage	120 or 230VAC (model dependent)±15% at 50-60Hz
DC Power Outputs	
Voltage	PSX-75/150: 12.5V DC; PSX-250: 12.5V/25V DC
Output Power	PSX-75: 12V/6A or 24V/3A PSX-150: 12V/12A or 24V/6A PSX-250: 12V/20A or 24V/10A
Output Protection	PSX-75: Electronic protection and fusing (7.5A) PSX-150: Electronic protection and fusing (15A) PSX-250: Electronic protection and fusing (30A)
AC Fault	
Output	Dry contact
Activation	AC power failure, blown AC fuse
Low battery	
Output	Form C dry contact
Activation	PSX-75: Below 10.2V DC PSX-150/250: Below 10.20/20.4V DC
Battery Charge	
Max Ah Rating	PSX-75: 40Ah; PSX-150/250: 80 Ah
Min Ah Rating	PSX-75: 1Ah; PSX-150/250: 2Ah
Recharge Time	PSX-75: 40Ah/48 hrs; PSX150/250: 80Ah/48 hrs
Battery Space	Rackmount....PSX-75: One 8Ahr battery; PSX-150/250: None; use PSX-RBE
Regulatory Compliance	
UL/cUL	UL294, UL603, UL/cUL1076, cUL S318, cUL S319, cUL S527
CSA/FCC	FCC Part 15, Subpart B, CSA C22.2#107.1, CSA 22.2#60950, CSFM Approved/CE/RoHS



PSX-RGS Rackmount Power Supplies

Physical	
Dimensions	3.50" H x 17" W x 20.50" D (89mm H x 445mm W x 521mm D)
Weight	20 lbs (can vary based on configuration)
Temperature	
Ambient Temp.	0°C to 49°C (32°F to 120°F)
Ambient Humidity	93% at 32°C (90°F) max
Storage Temp.	-30°C to 70°C (-22°F to 158°F)
Power	
Power Input	PSX-75: 100W PSX-150: 200W
Input Voltage	PSX-75/150: 120/230V AC \pm 15% at 50-60Hz
DC Power Outputs	
Output Voltage	PSX-75: 12.5/25V DC PSX-150: 12.5V/25V DC
Output Current	PSX-75: 3A@24V or 6A@12V PSX-150: 6A@24V or 12A@12V
Fault Relays	
AC FLT Relay Rating	1A at 24VDC
SYS FLT Relay Rating	1A at 24VDC
BTU Output	
BTU	PSX 75- 33 PSX 150-66
Battery	
Size & Type	PSX-75: 4-40Ah Lead Acid or Gel Cell PSX-150: 4-80 Ah Lead Acid or Gel Cell
Charge Current	PSX-75: 1A (\pm 10%) Max (Adjustable via PowerCom Software) PSX-150: 2Ah (\pm 10%) Max (Adjustable via PowerCom Software)
Regulatory Compliance	
UL/cUL	UL294, UL603, UL/cUL1076, cUL S318, cUL S319, cUL S527
CSA/FCC	FCC Part 15, Subpart B, CSA C22.2#107.1, CSA 22.2#60950, CSFM Approved/CE/RoHS

Ordering Information

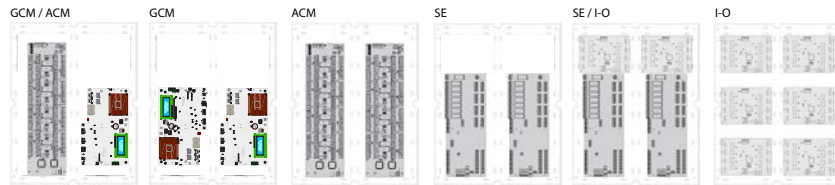
Single and Dual Rack Mount

PSX Single Rack Mount Power Supplies	
PSX-GCM-RB	PSX 75W 2U Power Supply/Battery Charger, 12/24VDC, 120VAC
PSX-150-RB	PSX 150W 2U Power Supply/Battery Charger, 12/24VDC, 120VAC
PSX-GCM-RB-E	PSX 75W 2U Power Supply/Battery Charger, 12/24VDC, 230VAC
PSX-150-RB-E	PSX 150W 2U Power Supply/Battery Charger, 12/24VDC, 230VAC

PSX Dual Rack Mount Power Supplies	
PSX-ISU-RD	PSX 150/250 2U Power Supply/Battery Charger for iSTAR Ultra unit, 12 and 24VDC, 120VAC
PSX-ISU-RDN	PSX 150/250 2U Power Supply/Battery Charger for iSTAR Ultra unit, 12 and 24VDC, Network, 120VAC
PSX-ISUSE-RD	PSX 150/250 2U Power Supply/Charger for iSTAR Ultra SE unit, 12 and 24VDC, Lock Outputs, 120VAC
PSX-ISUSE-RDN	PSX 150/250 2U Power Supply/Charger for iSTAR Ultra SE unit, 12 and 24VDC, Lock Outputs, Network, 120VAC
PSX-ISU-RD-E	PSX 150/250 2U Power Supply/Battery Charger for iSTAR Ultra unit, 12 and 24VDC, 230VAC
PSX-ISU-RDN-E	PSX 150/250 2U Power Supply/Battery Charger for iSTAR Ultra unit, 12 and 24VDC, Network, 230VAC
PSX-ISUSE-RD-E	PSX 150/250 2U Power Supply/Charger for iSTAR Ultra SE unit, 12 and 24VDC, Lock Outputs, 230VAC
PSX-ISUSE-RDN-E	PSX 150/250 2U Power Supply/Charger for iSTAR Ultra SE unit, 12 and 24VDC, Lock Outputs, Network, 230VAC

RGS Series Rack Mount

PSX-RGS Rack Mount Power Supplies	
PSX-RGS75	PSX 75W 2U RGS Power Supply/Battery Charger, 12/24VDC, 120VAC, 2U rack drawer slide assembly
PSX-RGS150	PSX 150W 2U RGS Power Supply/Battery Charger, 12/24VDC, 120VAC, 2U rack drawer slide assembly
PSX-RGS75-E	PSX 75W 2U RGS Power Supply/Battery Charger, 12/24VDC, 230VAC, 2U rack drawer slide assembly
PSX-RGS150-E	PSX 150W 2U RGS Power Supply/Battery Charger, 12/24VDC, 230VAC, 2U rack drawer slide assembly



Backplate Pattern

Rack Mount Accessories

Rackmount Accessories	
PSX-RGS-X1	PSX RGS 2U Multi-Purpose Rack Enclosure w/ Slide Assembly
PSX-Z-BKT-HD	PSX Z-Bracket for RGS 2U Enclosure
PSX-RBE	PSX Rack-mount Battery Enclosure

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

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