

The Chicago RS Series combines performance and dependability into a rugged 20 gauge steel enclosure. The variety of wattages and lamp head configurations allow for flexibility in any indoor application.

Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____

FEATURES & BENEFITS

- Meets City of Chicago Emergency requirements
- Available in 6 or 12 Volt with Wattages ranging from 25-150 Watts with knockouts for side mounted heads allowing for up to four lamp heads per unit
- Remote capable
- Optional Self-test/Self-diagnostics (G2) available
- UL Listed 90 minute emergency run time

SPECIFICATIONS

Illumination: Tungsten and halogen sealed beam lamp heads from 8W to 25W

Housing: Enclosure constructed of rugged 20 gauge steel

Input: 120/277VAC Dual primary, 60Hz

Battery: Maintenance-free lead calcium or NiMH battery

Run Time: UL Listed 90 minute emergency run time, 24 hour recharge time

Electrical: Low voltage disconnect eliminates deep discharge, brownout, short circuit and voltage surge protection

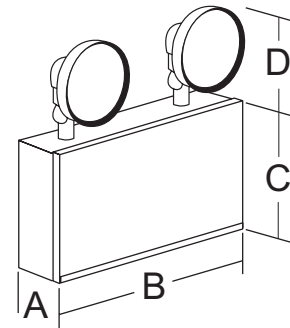
Mounting: A universal mounting pattern and rear keyhole slots are provided for wall mounting

Finishes: Black or White

Options: 220V - 220VAC, 50Hz
G2 - Self-test/Self-diagnostics
LC - 3' Line Cord
TD - Time Delay 120/277VAC

Certifications: UL 924 Listed, meets or exceeds NEC requirements and NFPA 101, City of Chicago Fire Code Approved

Warranty: Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information and product registration instructions.



	25-36W	50W	100W	150W
A	2.89"	2.94"	4.55"	4.55"
B	11.62"	13.29"	13.29"	16.09"
C	5.25"	8.00"	8.50"	8.50"
D	6.00"	6.00"	6.00"	6.00"

ORDERING INFORMATION Example: RS6-25-S0608-2-W-G2

Series	Wattage	Lamp Heads ²	# Of Lamp Heads	Finish	Options (Factory Installed)
RS6 = 6 Volt Lead Calcium	6 Volt, Lead Calcium	6 Volt Tungsten Sealed Beam	0 = No Lamps	W = White	G2 = Self Test / Diagnostics
RS6NM ¹ = 6 Volt NiMH	25 = 25 Watts	S0608 = 8 Watt	2 = 2 Lamp Heads		LC = 3' Line Cord
RS12 = 12 Volt Lead Calcium	36 = 36 Watts	S0618 = 18 Watt			TD ³ = Time Delay
RS12NM ¹ = 12 Volt NiMH	50 = 50 Watts	S0625 = 25 Watt			
	6 Volt, NiMH	6 Volt Halogen Sealed Beam			Accessories⁴ (Field Installed)
	30 = 30 Watts	S06H08 = 8 Watt			WG-A = Wire Guard (Back Mount)
	12 Volt, Lead Calcium	S06H12 = 12 Watt			XG-PS = Poly Guard (Back Mount)
	50 = 50 Watts	12 Volt Tungsten Sealed Beam			
	100 = 100 Watts	S1212 = 12 Watt			
	150 = 150 Watts	S1218 = 18 Watt			
	12 Volt, NiMH	S1225 = 25 Watt			Notes:
	50 = 50 Watts	12 Volt Halogen Sealed Beam			¹ Not a UL Listed feature
		S12H08 = 8 Watt			² Alternate lamp heads are available, consult factory
		S12H12 = 12 Watt			³ Not available on units with G2 option
					⁴ Order as separate line item

CONSTRUCTION

The RS series is die-formed 20 gauge steel housing with epoxy powder coat finish. White finish is standard. Universal J-box mounting patten and keyhole slots provided for simple installation. Knockouts are provided on top, back, and sides for easy wire entry. Can also be shelf mounted – ordered separately.

ILLUMINATION

Fully adjustable, attractive lamp heads allow for maximum light to be delivered to the path of egress. Up to 4 lamp heads may be installed on each emergency unit. Emergency lights vary – see ordering information for details.

ELECTRICAL**Input**

Dual-voltage input 120 or 277VAC @ 60Hz.

Sealed Lead Calcium Battery

Exitronix sealed lead calcium batteries are maintenance-free and provide a relatively largepower-to-weight ratio making them ideal for emergency applications.

Nickel Metal Hydride – NiMH (RS6NM, RS12NM)

Exitronix nickel metal hydride batteries are maintenance-free. NiMH batteries are more environmentally-friendly than traditional NiCad or lead calcium alternatives as they contain no cadmium or lead.

Emergency

The RS series exit will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

INSTALLATION

A universal mounting pattern and rear keyhole slots are provided for wall mounting.

Guardian Self-Test/Self-Diagnostics (Option: G2)

The Guardian circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

The purpose of this option is to provide visual signaling in response to a fault at the EXIT sign battery and/or battery charger. If a failure is detected, visual status will occur immediately via the CHARGER LED and/or the BATTERY FAULT LED. The LEDs will stay illuminated until the fault is corrected.

The Guardian circuit also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days. A 90 minute discharge and self-test is performed every 6 months.

Time Delay (Option: TD)

The purpose of this feature is to allow additional time for “normally on” fixtures to return to full brightness prior to extinguishing the supplemental light from the emergency fixtures.

CONFORMANCE TO CODES & STANDARDS

The RS Series is UL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101. City of Chicago Fire Code Approved.