

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**

- Meets City of Chicago Emergency requirements
- Enclosure constructed of rugged 20 gauge steel
- Available in 6 or 12 volt with wattages ranging from 25-150 watts
- Charge rate/ power "ON" LED indicator light with test button
- AC lockout for ease of installation and installer protection
- Low voltage disconnect eliminates deep discharge
- Brown-out, short circuit and voltage surge protection
- Maintenance-free lead acid or NiMH battery
- UL listed 90 minute emergency run time, 24 hour recharge time
- Optional Guardian Self-Test/ Self-Diagnostics (G2) available
- Optional Time Delay (TD) feature available
- Standard finish: White
- 120/277V dual primary, 60Hz input
- Assembled in the U.S.A.



**WARRANTY**

Any component that fails due to manufacturers defect is guaranteed for 5 years with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. See the full Exitronix warranty document for detailed information.

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

Series	Wattage	Lamp Heads <sup>1</sup>	# Of Lamp Heads	Finish	Options (Factory Installed)
RS6 = 6 Volt Lead Calcium	<b>6 Volt, Lead Calcium</b>	<b>6 Volt Tungsten Sealed Beam</b>	0 = No Lamps	W = White	G2 = Self Test / Diagnostics
RS6NM = 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 <sup>2</sup> = Time Delay
RS12NM = 12 Volt NiMH	50 = 50 Watts	S0625 = 25 Watt			
	<b>6 Volt, NiMH</b>	<b>6 Volt Halogen Sealed Beam</b>			
	40 = 40 Watts	S06H08 = 8 Watt			
	<b>12 Volt, Lead Calcium</b>	S06H12 = 12 Watt			
	50 = 50 Watts	<b>12 Volt Tungsten Sealed Beam</b>			
	100 = 100 Watts	S1212 = 12 Watt			
	150 = 150 Watts	S1218 = 18 Watt			
	<b>12 Volt, NiMH</b>	S1225 = 25 Watt			
	50 = 50 Watts	<b>12 Volt Halogen Sealed Beam</b>			
		S12H08 = 8 Watt			
		S12H12 = 12 Watt			

**Notes**

<sup>1</sup> Alternate lamp heads are available, see Remote Lamp Heads specification sheet or consult factory	<b>Accessories<sup>3</sup></b> (Field Installed)
<sup>2</sup> TD not available with G2	WG-A = Wire Guard (Back Mount)
<sup>3</sup> Order as separate line item	XG-PS = Poly Guard (Back Mount)

## CONSTRUCTION

The RS series is die-formed 20 gauge steel housing with epoxy powder coat finish. White finish is standard. Universal J-box mounting pattern 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 Acid Battery – SLA

Exitronix sealed lead acid batteries are maintenance-free with a life expectancy of 5 years. Sealed lead acid batteries provide a relatively large power-to-weight ratio making them ideal for emergency applications. Lead Acid batteries perform optimally in temperatures ranging from 59°F - 104°F (15°C - 40°C).

### Sealed Nickel Metal Hydride Battery - NiMH

Exitronix NiMH batteries are maintenance-free with a life expectancy of 15 years. NiMH batteries perform optimally in temperatures ranging from 32°F to 104°F (0°C to 40°C)..

### 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.

### Assembled in the USA (STANDARD)

Many of our products can be produced or transformed to comply with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions. These fixtures meet LEVEL 1 compliance when option is requested – please call factory for details with questions.

### 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.

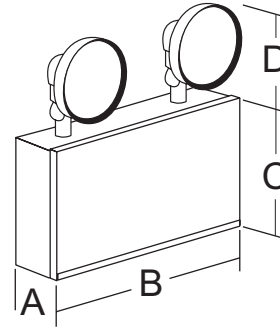
### Time Delay (Option: TD)

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.

## DIMENSIONS



	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"