

The Exitronix 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.

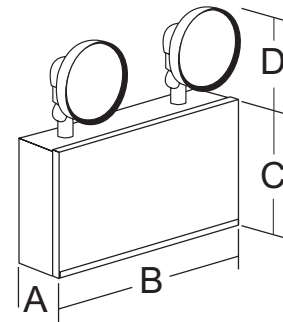
FEATURES AND BENEFITS

- Enclosure constructed of rugged 20 gauge steel
- Available in 6, 12 or 24 Volt with wattages ranging from 120-360W with knockouts for side mounted heads allowing for up to 3 lamp heads per unit
- Optional Guardian Self-test/Self-diagnostics (G2) available
- Compatible with [MIST Series](#) remote lamps
- Buy American Act (BAA) compliant
- American Recovery and Reinvestment Act (ARRA) compliant

SPECIFICATIONS

- Illumination:** 6V or 12V Tungsten wedge based lamps from 9W-18W
- Housing:** Rugged 20 gauge steel with powder coated finish
- Input:** 120/277VAC Dual primary, 60Hz
- Battery:** Maintenance-free sealed lead calcium or NiCad battery available
- Run Time:** 90 Minute emergency run time, 24 hour recharge time
- Electrical:** Low voltage disconnect eliminates deep discharge, brownout, short circuit and voltage surge protection
- Mounting:** Universal mounting pattern and keyhole slots provided for wall mounting
- Finishes:** Black or White
- Options:** G2 = Self-test/Self-diagnostics
TD = Time Delay
- Certifications:** CSA Listed, American Recovery and Reinvestment Act (ARRA) compliant. Buy American Act (BAA) compliant.
- 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. (Terms and Conditions apply)

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



	A	B	C	D
6 & 12V 120-180W	6.0"	13.0"	10.0"	6.0"
12 & 24V 250-360W	6.0"	18.0"	10.0"	6.0"

ORDERING INFORMATION Example: RS12-180-T1218-2-W-G2

Series	Wattage	Lamp Heads ¹	# Of Lamp Heads	Finish	Options (Factory Installed)
RS6 = 6 Volt Lead Calcium	6 Volt, Lead Calcium	6 Volt Tungsten Wedge Base	0 = No Lamps	W = White	G2 = Self-test/Self-diagnostics
RS12 = 12 Volt Lead Calcium	120 = 120 Watts	T0609 = 9 Watt	2 = 2 Lamp Heads	B = Black	TD ² = Time Delay
RS12N = 12 Volt NiCad	200 = 200 Watts	12 Volt Tungsten Wedge Base	3 = 3 Lamp Heads		
RS24 = 24 Volt Lead Calcium	12 Volt, Lead Calcium	T1209 = 9 Watt			
RS24N = 24 Volt NiCad	180 = 180 Watts	T1212 = 12 Watt			
	360 = 360 Watts	T1218 = 18 Watt			Accessories³ (Field Installed)
	12 Volt, NiCad	24 Volt Tungsten Wedge Base			XG-PS = Poly Guard (Back Mount)
	130 = 130 Watts	T2409 = 9 Watt			
	200 = 200 Watts	T2418 = 18 Watt			
	24 Volt, Lead Calcium				
	280 = 280 Watts				
	360 = 360 Watts				
	24 Volt, NiCad				
	200 = 200 Watts				
		Notes			
		¹ Alternate lamp heads are available, see Remote Lamp Heads specification sheet or consult factory			
		² Not available on units with NiCad battery			
		³ 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 3 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.

Sealed Nickel Cadmium Battery – NiCad

Exitronix sealed nickel cadmium batteries are maintenance-free.

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.

Brownout Circuit

The brownout circuit monitors the flow of AC current to the unit and triggers the emergency lighting system once a set reduction of AC power occurs. This dip in the voltage will cause many fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

Low Voltage Disconnect

When the battery's terminal voltage falls below predetermined levels, the low voltage circuit disconnects the emergency lighting load. The disconnect remains in effect until normal power is restored, preventing deep battery discharge and improving the life of the battery. The disconnect will also automatically reconnect the load circuit once the battery voltage returns to a normal value after charging.

Solid-State Transfer

The unit features a solid-state switching transistor which eliminates damaged contacts or mechanical failures associated with relays. The switching circuit is designed to detect a loss of AC power and automatically energizes the lamps. Upon restoration of the AC voltage, the emergency lamps will switch off and the charger will automatically recharge the battery.

Overload and Short Circuit Protection

The solid-state overload monitoring system in the DC circuit disconnects the lamp load from the battery should excessive wattage demands be made and automatically resets when the overload or short circuit is removed. This overload current protective characteristic eliminates the need for fuses or circuit breakers for the DC load.

Test Button

Our easily located test button allows for manual verification of proper operation of the transfer circuit and emergency lamps.

INSTALLATION

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

Assembled in the USA

Complies with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions.

OPTIONS**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 meets or exceeds the following: NEC requirements and NFPA 101. American Recovery and Reinvestment Act (ARRA) compliant.