RS Series 120-360W

Steel Emergency Lighting Unit

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

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.

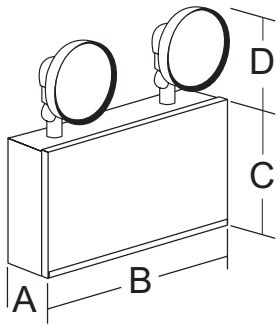
FEATURES AND BENEFITS

- 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
Certfications:	CSA Listed, American Recovery and Reinvestment Act (ARRA) compliant. Buy American Act (BAA) compliant.
Warranty:	Three year warranty with a separate three year prorated warranty on the battery (Terms and Conditions Apply)

3/3 WARRANTY



	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			**Accessories[3]** (Field Installed)
	12 Volt, NiCad	**24 Volt Tungsten Wedge Base**			WG-A = Wire Guard (Back Mount)
	130 = 130 Watts	T2409 = 9 Watt			XG-PS = Poly Guard (Back Mount)
	200 = 200 Watts	T2418 = 18 Watt			
	24 Volt, Lead Calcium				
	280 = 280 Watts	**Notes**			
	360 = 360 Watts	[1] Alternate lamp heads are available, see Remote Lamp Heads specification sheet or consult factory			
	24 Volt, NiCad	[2] Not available on units with NiCad battery			
	200 = 200 Watts	[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 patter 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.