

CLASS 1, DIVISION 2

■ INDUSTRIAL EMERGENCY

**CLASS 1, DIVISION 2
EMERGENCY LIGHTING UNITS**

Lead Calcium or Nickel Cadmium Battery - 6 and 12 volt, 25 to 125 watts

ILLUMINATION

Illumination is accomplished with lamp heads mounted on the top of the unit. The Class 1, Div 2 rated "Z" Series lamp head is available in a variety of wattages and is constructed of gray polycarbonate to match the RH Series housing.

HOUSING

Constructed of impact resistant, fiberglass reinforced polyester. Housing color is gray and includes stainless steel hardware. Housing is approved for NEMA 4, 4x, 12 and 13 areas, and in class I, Division 2, Groups A, B, C & D, Zone 2, Groups IIA, IIB, H & IIC areas. View through window allows easy monitoring of AC indicator and optional voltmeter and ammeter. Available with Class II, Division 2 rated polycarbonate sealed beam Par 36 tungsten or halogen lamp heads. Optional shatter-resistant shield for lamp heads is designed for use in food service areas.

ELECTRONICS

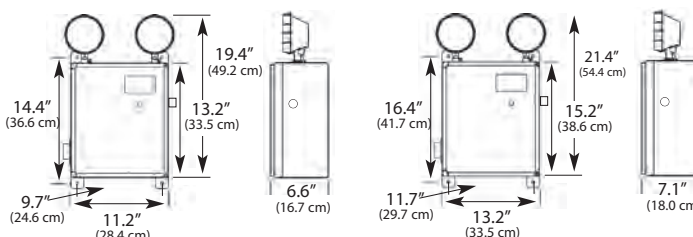
120/277 VAC dual voltage input with surge-protected, solid-state circuitry provides for a reliable charging system. Select units include a temperature-compensated charger. Charging system is complete with low voltage disconnect, AC lockout, brown-out protection, AC indicator lamp and test switch.

BATTERY

Maintenance-free, sealed nickel cadmium battery has an estimated service life of 12 years, and an operating temperature range of 20°F (-7°C) to 95°F (35°C). Maintenance-free, sealed lead calcium battery has an estimated service life of 10 years, and an operating temperature range of 65°F (19°C) to 85°F (30°C). Batteries supply 90 minutes of emergency power.

PERFORMANCE

Input power requirements 120VAC - 0.58 amps (max), 65 watts max. 277VAC - 0.27 amps, 68 watts max.



25 Watt to 75 Watt Unit

100 Watt to 125 Watt Unit

HOUSING

Impact resistant, fiberglass reinforced polyester is suitable for NEMA 4, 4x, 12 and 13 areas. Housing color is gray One-piece formed gasket eliminates potential for seal failure. Standard internal mounting or external mounting feet for installation flexibility. View-through window enables easy monitoring of AC indicator and optional metering. Polycarbonate sealed beam Par 36 lamp heads are Class I, Division 2 rated and come in a variety of wattages.



ORDERING INFORMATION

SERIES	DC WATTAGE	LAMP HEADS	# OF HEADS	HOUSING COLOR	OPTIONS
<ul style="list-style-type: none"> • RH6 = 6 Volt, Lead Calcium • RH6N = 6 Volt, Ni-Cad • RH12 = 12 Volt, Lead Calcium • RH12N = 12 Volt, Ni-Cad 	<ul style="list-style-type: none"> • <u>6 VOLT, LEAD CALCIUM</u> 25 = 25 Watt 50 = 50 Watt • <u>6 VOLT, NI-CAD</u> 25 = 25 Watt¹ 50 = 50 Watt¹ • <u>12 VOLT, LEAD CALCIUM</u> 25 = 25 Watt 50 = 50 Watt • <u>12 VOLT NI-CAD</u> 25 = 25 Watt¹ 50 = 50 Watt¹ 75 = 75 Watt¹ 100 = 100 Watt¹ 125 = 125 Watt¹ 	<ul style="list-style-type: none"> • <u>6V TUNGSTEN LAMPS</u> Z1K = 8.0 Watt Z2K = 18 Watt Z3K = 25 Watt Z4K = 30 Watt • <u>6V HALOGEN LAMPS</u> Z10K = 8.0 Watt Z11K = 12 Watt • <u>12V TUNGSTEN LAMPS</u> Z5K = 12 Watt Z6K = 18 Watt Z7K = 25 Watt Z8K = 30 Watt • <u>12V HALOGEN LAMPS</u> Z12K = 8.0 Watt Z13K = 12 Watt 	<ul style="list-style-type: none"> • 0 = No Head • 1 = 1 Head • 2 = 2 Heads • 3 = 3 Heads 	<ul style="list-style-type: none"> • G = Gray 	<ul style="list-style-type: none"> • ST = Self Test • STA = Self Test w/Alarm • TA = 120 VAC Time Delay² • TB = 277 VAC Time Delay² • S = Shatter Resistant Lamp Head Shield <p><i>*Not available with ST options</i></p>

¹ Additional listing, Class II, Div 2, Groups F & G
² Not available with ST options

(SPECIFICATIONS SUBJECT TO
CHANGE WITHOUT NOTICE.)

BATTERY

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AUTOMATIC DIAGNOSTIC TESTER

Our ST option conducts automatic and manual tests, and indicates real time status of the lamp, battery and charger via tricolor indicator lamps. Automatic tests include: Systems analysis every 10 seconds, with actual load tests performed for a 3 minute duration every 30 days, and for a 30 minute duration every 180 days. Manual tests include a 3, 30 and 90 minute battery discharge and lamp illumination tests.

OPERATION INFORMATION

DC Voltage	Unit	Lamp Head	Suggested Watts to 87 1/2 of Rated Voltage			
			1 1/2 hrs	2 hrs	4 hrs	8 hrs
6	RH6/25	Z1K	25	19.0	12.0	-
	RH6/50	Z1K	50	37.5	24.0	8.5
	RH6/100	Z2K	100	75.0	48.0	17.0
	RH6/125	Z3K	125	94.0	60.0	21.5
	RH6N/25	Z1K	25	19.0	12.0	-
	RH6N/50	Z1K	50	37.5	24.0	8.5
	RH6P/60	Z1K	60	45.0	29.0	10.0
12	RL12/25	Z5K	25	19.0	12.0	-
	RL12/50	Z5K	50	37.5	24.0	8.5
	RL12N/25	Z5K	25	19.0	12.0	-
	RL12N/50	Z5K	50	37.5	24.0	8.5
	RL12N/75	Z5K	75	56.5	28.5	15.0
	RL12N/100	Z6K	100	75.0	48.0	17.0
	RL12N/125	Z7K	125	94.0	60.0	21.5
	RL12P/120	Z7K	120	90.0	58.0	20.0

CODE & STANDARDS COMPLIANCE

The RH Series meets or exceeds all performance standards as required by UL 924, NFPA 70, NFPA 101, NEC and OSHA. Nickel cadmium units additionally UL listed for Class 1, Division 2, Groups F & G applications.

