

## SPECIFICATIONS: INTERNAL

The SEEMRG is configured with universal 120/277VAC input with solid state charging circuitry. Standard features include low voltage disconnect, AC lockout and brownout protection.

## SPECIFICATIONS: EXTERNAL

The SEEMRG housing is constructed with durable 20 gauge steel. Stamped conduit knockouts are provided on the sides of all RTB units. Remote lamp loads are connected to the emergency power supply with sturdy terminal connectors. These connectors allow for a large gauge of wire to be used, increasing the flexibility of installation. The RTB is finished in a durable white powder coat. Other colors are available, including color matching. PAR36 (LR) style heads are standard. PAR18 (SR) style heads are optional. MR16 (BTMR) are also offered. External test switch and monitor LED are standard.

## SPECIFICATIONS: ELECTRICAL

**BATTERY:** The SEEMRG is designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 90 minutes. Optional nickel cadmium batteries are available. Recharge time of the battery is twenty-four [24] hours. The maximum working temperature is 45° C. The minimum working temperature is 10°C. Nickel cadmium batteries are available as an option.

**CIRCUIT:** The SEEMRG utilizes a high-efficiency two stage charger providing a fully automatic constant charging current with low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. An external test switch allows maintenance personnel to quickly determine the operational status of the unit.

## SPECIFICATIONS: MECHANICAL

Torsion springs firmly hold the SEEMRG cover in place allowing for easy installation and maintenance. Remote lamp loads are connected to the emergency power supply with sturdy terminal connectors. These connectors allow for a large gauge of wire to be used, increasing the flexibility of installation.

Welded grid hooks securely hold the RTB in place.

Trim held firmly in place with two [2] high tension spring clips. This eliminates any screws and maintains the clean appearance.

**Installation:** Specifically designed for installation into a T-bar type grid ceiling for a clean and architecturally pleasing appearance.

**Housing:** Constructed from durable 20 gauge steel. White powder coat standard.

**Lamps:** PAR36 (LR) style heads are standard. PAR18 (SR) style heads are optional. MR16 (BTMR) are also offered. Multiple lamp options are available.



## EMERGENCY HEADS

The SEEMRG is normally supplied with two [2] PAR36 (LR) style heads. PAR18 (SR) style heads are optional, or BTMR white steel heads utilizing MR16 lamps are also available option. The LR and SR head types feature a unique twist locking collar that securely holds the lens and facilitates quick and easy re-lamping.

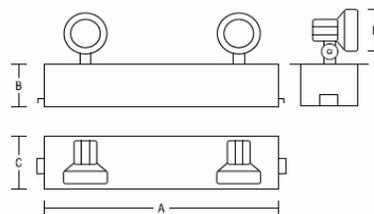
## AUTOTEST

See next page for details.

## WARRANTY

The SEEMRG comes with a 5-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

## DIMENSIONS



Cabinet	A	B	C
A	23.75"	8.12"	4.75"
	603mm	206mm	121mm

NOTE: Dimension D (see drawing) will vary based on heads supplied.

## ORDERING INFORMATION

Sample Part Number: **SEEMRG-6-60-0-120/277VAC-AT**

MODEL	OPERATION	Pb-A (Capacity)	Ni-Cd <sup>3</sup> (Capacity)	Emergency Heads	Lamps	VOLTAGE	OPTIONS
SEEMRG	6V	18 (6V)	22 (6V)	0 (no heads)	See Chart on Next Page	120/277 VAC	AT (autotest)
	12V	27 (6V, 12V)	42 (6V, 12V)	2LR (double PAR36)			NC[2] (nickel-cadmium battery)
		36 (6V, 12V)	54 (6V)	1LR (single PAR36)			BZ (buzzer)
		60 (6V, 12V)	90 (6V, 12V)	2SR (double PAR18)			TD (time delay- 0, 5, 10, 20 mins.)
		72 (6V)	130 (12V)	1SR (single PAR18)			VM (voltmeter)
120 (6V)		2BTMR (double, MR16)	TP (tamper proof screws)				
140 (12V)		1BTMR (single, MR16)	CC (custom color- specify)				
							AM (ammeter)

[1]NOTE: Must select NC from options when selecting Ni-Cd.

[2]NOTE: NC (select wattage/voltage from Ni-Cd column).

NOTE: Product specifications subject to change without notice. Updated 08.2017

## AUTOTEST

The Emergensee Autotest system performs one 5 minute discharge test monthly. Every 6 months two 90 minute discharge tests are performed. This tests both full battery capacity and re-charge capability, as required by the fire code. The information is communicated simply and intuitively to maintenance personnel via a single multi-color LED. The Beghelli Autotest system also includes 0, 5, 10 or 20 minute time utotest delay function to allow HID lighting to restrike.

- Red: Battery or Circuit Malfunction
- Yellow: Lamp Malfunctioning
- Green: Normal Operation

### ■ lamp selection (sealed beam only available in PAR36)

	6V	12V
Incandescent	9, 12, 25W (18W - PAR36 Only)	9, 12, 18W (25W - PAR36 Only)
Halogen (H)	8, 10, 12, 20W	8, 12, 20, 35W (55W PAR36 only)
Sealed Beam Tungsten (SB)	9, 12, 18, 25, 30W	12, 18, 25, 30, 35W
Sealed Beam Halogen (HSB)	8, 12W	8, 12, 30W
MR16 (BTMR)	10W	10, 12, 20, 35, 50W
MR16 LED	N/A	Consult factory for wattages

### ■ model rating guide

Model	Voltage	Wattage			
		90min	120min	180min	240min
SEEMRG-6-18	6	18	14	9	7
SEEMRG-6-22	6	22	17	11	9
SEEMRG-6-27	6	27	20	14	10
SEEMRG-6-36	6	36	27	18	14
SEEMRG-6-42	6	42	32	21	16
SEEMRG-6-54	6	54	41	27	20
SEEMRG-6-60	6	60	45	30	23
SEEMRG-6-72	6	72	54	36	27
SEEMRG-6-90	6	90	68	45	34
SEEMRG-6-120	6	120	90	60	45
SEEMRG-12-27	12	27	20	14	10
SEEMRG-12-36	12	36	27	18	13
SEEMRG-12-42	12	42	32	21	16
SEEMRG-12-60	12	60	45	30	23
SEEMRG-12-90	12	90	68	45	34
SEEMRG-12-120	12	120	90	60	45
SEEMRG-12-130	12	130	98	65	49
SEEMRG-12-140	12	140	105	70	53