

# SEEM12

## Indoor Emergency Unit

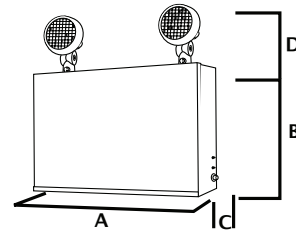


### specifications: internal

The **SEEM12** is configured with 120/277V input and a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. Charger status is easily determined via a dual diagnostic LED display. Standard features include low voltage disconnect, AClockout and brownout protection.

### specifications: external

The **SEEM12** cabinet is constructed with 20 gauge steel for models below 42W and 18 gauge for > 42W. Terminal connectors allow for larger gauge wires to be connected for remote loads. A universal knockout pattern with keyhole slots on the back of the unit optimizes mounting flexibility. Standard conduit knockouts provide the **SEEM12** with the widest range of options for AC power source connection.



Unit Size	A	B	C
(6V 27-36W) (12V 36W)	10" (254mm)	9" (229mm)	3 1/4" (82mm)
(12V 27W)	12 1/4" (311mm)	5" (127mm)	3" (76mm)
(6V 42W-90W) (12V 60-90W) (24V 100W)	13 1/2" (343mm)	10 1/8" (257mm)	4 1/4" (108mm)
(12V 180W)	13" (330mm)	10 1/8" (257mm)	8 1/2" (216mm)

\*NOTE: Cabinet size may vary based on product configuration. Dimension D in drawing above will vary based on heads supplied.

### ordering logic

EXAMPLE: SEEM12-12-60-2LR-20W(H)-TD(277)  
Options

Series	Operation	Pb-A(Capacity)	Ni-Cd <sup>3</sup> (Capacity)	Emergency Heads	Lamps	Options
SEEM12	6V	27 (6V,12V)	42 (6V, 12V)	2LR (double PAR36)	See lamp selection	ACTB(terminal block ac)
	12V	36 (6V,12V)	90 (6V, 12V)	1LR (single PAR36)	on next page	AM (ammeter)
	24V	60 (6V, 12V)	100 (24V)	2SR (double PAR18)		AT (autotest)
		72 (6V, 12)		1SR (single PAR18)		B (black finish)
		180 (12V)		2BTMR(double, MR16)		BZ (buzzer)
				1BTMR(single, MR16)		CC(custom color- specify)
				0 (no heads)		CS120(cord set, 120V only)
						DCTB(terminal block dc)
						FAI <sup>1</sup> (fire alarm interface)
						IRT <sup>2</sup> (infrared testing)
					NC <sup>3</sup> (Ni-Cd)	
					TD <sup>4</sup> (time delay - specify 5, 10, 15 min)	
					TP (tamper proof screws)	
					VM (voltmeter)	

NOTE1: Specify open/closed/6-24VDC.

NOTE2: HHC(controller for IRT) should be ordered separately (item code:476000021).

NOTE3: Must select NC from options and indicate wattage/voltage from Ni-Cd column.

NOTE4: Must specify at time of order. Specify voltage

\*\* Aluminum heads not rated for wet location.

# Technical

## emergency heads

The **SEEM12** is supplied with two (2) top mounted SR PAR18 style 9W heads. Optional heads available include the LR PAR36 style heads or the BTMR white steel heads utilizing MR16 lamps. Lamp heads can be mounted either on the top or on the sides of the unit allowing for up to five (5) heads to be mounted on the largest units (3 top, 2 side). The lamp head styles are constructed of high impact thermoplastic in a color matching the finish of the cabinet (white is standard). Heads feature a unique twist locking collar that securely holds the lens and facilitates quick and easy re-lamping.

## specifications: electrical

**BATTERY:** The **SEEM12** is designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 90 minutes (for the listed rating). Recharge time of the battery is 24 hours. An optional Nickel-Cadmium battery is available. The operating temperature is 50°F to 104°F (10°C to 40°C).

## specifications: mechanical

The **SEEM12** is supplied standard in a durable white powder coat, baked finish. Other colors are available, including custom color matching, please specify. 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. **Compatible with BTMR and TESTA remotes.** Consult factory for additional options.

## autotest

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

## warranty

The **SEEM12** comes with a 3-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

## lamp selection

	6V	12V	24V
Incandescent	7.2, 9W	9, 12, 18W	9, 18W
Halogen (H)	10, 12W, 20W	12, 20W 55W - PAR36 Only	N/A
MR16	N/A	20, 35, 50W	N/A
MR16 LED (SR or BTMR)	5, 7W	2, 5, 7W	5, 7W
Sealed Beam LED (LEDSB)	N/A	6W	N/A

## model rating guide Pb-A (Capacity)

Model	Input Voltage	Wattage Rating 90 Minutes
SEEM12-6-27	6	27
SEEM12-6-36	6	36
SEEM12-6-60	6	60
SEEM12-6-72	6	72
SEEM12-12-27	12	27
SEEM12-12-36	12	36
SEEM12-12-60	12	60
SEEM12-12-72	12	72
SEEM12-12-180	12	180

## model rating guide Ni-Cd (Capacity)

Model	Input Voltage	Wattage Rating 90 Minutes
SEEM12-6-42	6	42
SEEM12-6-90	6	90
SEEM12-12-42	12	42
SEEM12-12-90	12	90
SEEM12-24-100	24	100