

Job/Location: _____	Job Type: _____
Contractor: _____	Date: _____
Prepared By: _____	

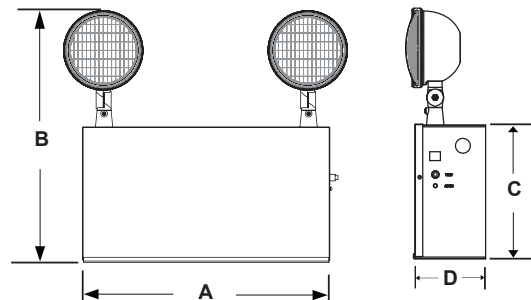


### ■ specifications: internal

The C-ESM 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.

### ■ specifications: external

The C-ESM is constructed with a 20 gauge steel cabinet. Terminal connectors allow for larger gauge wires to be connected for remote loads. The universal mounting pattern stamped into the back of the unit allows for direct mounting to various conduit boxes. Side and top knockouts for conduit feed applications are supplied standard on all C-ESM units, providing the widest range of options for AC power source connection. UL Listed for damp locations (20°C – 50°C standard).



UNIT SIZE	A	B	C	D
10W & 20W	12 3/8" (314mm)	11 3/8" (289mm)	5" (64mm)	2 1/2" (64mm)
27W	12 1/2" (305mm)	11 3/16" (119mm)	5" (64mm)	2 1/2" (64mm)
50W	14 9/16" (305mm)	17 5/16" (305mm)	7 15/16" (305mm)	2 1/2" (64mm)
100W	14 1/2" (305mm)	14 3/4" (241mm)	10 1/2" (203mm)	4" (203mm)

### ■ ordering logic

Series	Operation	Capacity	Emergency Heads	Lamps	Options
C-ESM	6 (6V)	10 (6V)	2LR (double PAR36)	see lamp selection guide	B (black finish)
	12 (12V)	20 <sup>1</sup> (6V)			
		27 (6V)			
		50 <sup>1</sup> (6V, 12V)			
		100 <sup>1</sup> (6V, 12V)			

NOTE 1: Remote capable.  
 20W unit max remote capacity is 10W.  
 50W unit max remote capacity is 26W.  
 100W unit max remote capacity is 76W.

EXAMPLE: C-ESM-6-27-2LR-12WH  
 DESCRIPTION: 6V operation, 27W capacity, two PAR36 heads, 12W halogen lamps.

## ■ emergency heads

The C-ESM is supplied with two fully adjustable ultra-bright, 12W bi-pin halogen LR PAR36 style heads. Option for LR PAR36 5.3W LED heads available only for 10W and 20W capacities. C-ESM is remote capable. Voltages of the remote lamp head must match the voltage of the individual unit. Reference individual remote lamp head specification sheets for voltage compatibility.

## ■ specifications: electrical

**BATTERY:** The C-ESM uses a 6V 12Ah maintenance free sealed lead calcium battery that provides a minimum emergency duration of 120 minutes. Recharge time of the battery is 24 hours.

**CIRCUIT:** An internal solid-state relay automatically transfers power from AC to DC during a mains failure. The fully automatic, dual rate charger properly controls both the charge and discharge of the battery. A low voltage disconnect feature prevents the battery from experiencing a deep discharge. 120/277V input.

## ■ specifications: mechanical

The C-ESM provides a clean and attractive emergency lighting solution. The durable 20 gauge housing is finished in a white powder coat. The universal mounting pattern allows for direct mounting to various junction boxes. The side and top located knockouts make for convenient conduit connection. The top mounted metal PAR36 style emergency heads are fully adjustable and can be locked in position once aimed.

## ■ lamp selection guide

Model	Lamp
C-ESM-6-27-2LR-12WH	12W Halogen
C-ESM-6-50-2LR-12WH	12W Halogen
C-ESM-6-100-2LR-12WH	12W Halogen
C-ESM-12-50-2LR-12WH	12W Halogen
C-ESM-12-100-2LR-12WH	12W Halogen

Model	Lamp
C-ESM-6-10-2LR-5.3WLED	5.3W LED
C-ESM-6-20-2LR-5.3WLED	5.3W LED

## ■ warranty

The C-ESM comes with a 3-year factory warranty. Lamps are not covered under the warranty. Battery comes with a 1 year full warranty and 4 years pro-rated. Deliberate damage, misuse, improper installation effectively cancel the warranty.