

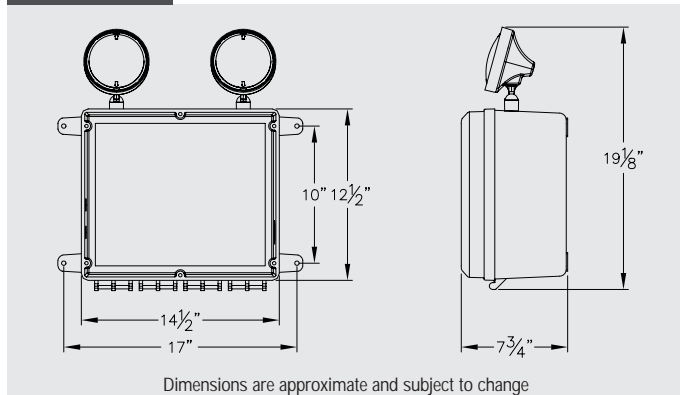


EC, E12C, EN, E12N Series

**6 or 12 Volt Emergency Lighting Unit
For Operation in Hazardous Areas
Class I, Division 2, Groups C & D
Class II, Division 2, Groups E & F
Sealed Maintenance-free Lead Calcium or
Nickel-Cadmium Battery
Series meets requirements for operation under
NEMA 1, 2, 3, 3R, 3S, 4, 4X, 12 and 13 conditions**

This Series of emergency lighting units are designed to meet the specific requirements of Division 2 Hazardous areas. Typical applications include any location where flammable materials are stored, handled or pumped, adjacent areas where separation could break down under abnormal conditions.

DIMENSIONS



FEATURES

Reliability

The EC, E12C, EN and E12N Series have a three-year full warranty (excluding lamps and fuses).

Unit Data

All units are housed in water and corrosion resistant cabinets constructed from glass-reinforced structural foam. Cabinets fully sealed and gasketed and all external hardware is stainless steel. Door covers are hinged in such a way to permit either retention of the hinge when opened or complete removal of the door. All external electrical components, including test switch and indicator light, are explosion proof in design and exceed requirements for Division 2 areas. The battery compartment is vented by a one-way breather device to permit exhaust of battery gases and relief of internal pressure without admitting external moisture or corrosives.

Lamp

Units are equipped with a choice of standard incandescent or halogen sealed beam lamps. Lamps are housed in gray, industrial thermoplastic shells with matching swivels. Lamp housings are rain-tight and corrosion resistant. Wire connections are silicone sealed.

PulseType Charger

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.

Controls

- Red charger monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

Power Requirements

120/277Vac 60Hz, 0.3/0.15 Amp

OPTIONS

(Add Suffix to Model No.)	Suffix
Time Delay (12 min.).....	-TD
Shatter Resistant Lamp Coating.....	-FP

ACCESSORIES

(Order as a separate item)	Model
Wire Guard	WG3

LAMP SELECTION CHART

	Lamp Wattage	DC Voltage	Lumen Output	Lamp Type	Lamp Suffix (Add to Unit Model No.)
Use With 6-Volt EC, EN Series	8	6	180	Halogen	H7551
	18	6	220	Incand.	4014
	25	6	350	Incand.	4510
Use with 12-Volt E12C, E12N Series	8	12	180	Halogen	H7555
	18	12	220	Incand.	4414
	25	12	350	Incand.	4446

UNIT SELECTION CHART

Volts	Unit Model No.	Battery Type	Input Watts	*Watts to 87-1/2% of Rated Battery Voltage			
				1-1/2 Hrs.	2 Hrs.	3 Hrs.	4 Hrs.
6	2EC50	Sealed	18	50	40	30	22
	2EC100	Lead-Calcium	60	100	75	50	36
	2EN25	Sealed	40	25	20	13	9
	2EN50	NiCad	40	50	40	25	19
12	2E12C50	Sealed	18	50	40	30	22
	2E12C100	Lead-Calcium	60	100	75	50	36
	2E12N50	Sealed NiCad	60	50	40	28	20

*National Electrical Code Specification

ORDERING FORMAT

2	EC	100	/H7551	-TD
No. of Heads	Series	Capacity Indicator	Lamp Suffix	Option (Time Delay)