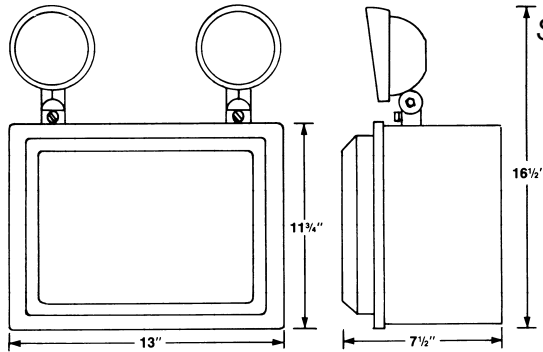




NEMA 6 & 12 Volt Industrial Emergency Lighting Units



Series meets requirements For operation under NEMA 1, 2, 3, 3R, 3S, 4, 4X, 12 and 13 conditions.

Dimensions are approximate and subject to change.



application Lightalarms ENN, ECN (6 volt), E12NN and E12CN (12 volt) NEMA series industrial emergency lighting units are designed for use in hostile environments where the presence of water, fibers, dirt, dust, and corrosive gases can be potentially damaging to internal components.

features

- HOUSING:** All units are housed in water and corrosion resistant cabinets constructed from glass-reinforced structural foam. Cabinets are silicone sealed and/or gasketed around all entry ways, push-to-test switch is completely enclosed and corrosion resistant bushing is provided for field installed conduit entry. Breather devices allow for ventilation of battery gases without admitting damaging elements. All external hardware is stainless steel. A unique door-hinging device allows for removal of door panel or retention of the hinge by means of a small field adjustment.
- ADVANCED ELECTRONICS:**
 - Automatic solid state charger.
 - Low voltage disconnect - protects batteries against excessive discharge.
 - Brownout protection circuit. (Series ECN and E12CN.)
 - Dual input voltage 120V/277V safety isolation transformer.
 - Load relay with fused distribution circuit.
- CONTROLS:**
 - Enclosed momentary test switch.
 - AC-ON indicator light.

battery

Series ENN and E12NN units feature a 6 or 12 volt sealed, maintenance-free nickel cadmium battery. The nicad battery features long life and superior resistance to temperature extremes. Series ECN and E12CN units feature a 6 or 12 volt maintenance-free sealed lead calcium battery.

lamp heads

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

options

(Add Suffix to Model No.)	Suffix
Time Delay (12 min.)	-TD
Voltmeter	-V
Ammeter	-A
Disconnect Switch	-DS
Thermal Jacket 120V	-H1
Thermal Jacket 277V	-H2

accessories

(Order as separate item)	Model
Guard	WG3

ordering format

2	ECN	100 / H7551
Number	Series	Capacity
of		Indicator
heads		Lamp Suffix

unit selection chart

Volts	Unit Model No.	Battery Type	Input Watts	Capacity in Watts to 87 1/2% of Nominal Battery Voltage			
				1 1/2 Hrs.	2 Hrs.	3 Hrs.	4 Hrs.
6	2ECN25	Sealed Lead	18	25	20	15	12
	2ECN50	Lead	18	50	40	30	22
	2ECN100	Calcium	40	100	75	50	36
	2ENN25	Sealed Nickel Cadmium	18	25	20	15	12
	2ENN50	Cadmium	18	50	40	28	22
12	2E12CN50	Sealed Lead Calcium	18	50	40	30	22
	2E12NN50	Sealed Nickel Cadmium	18	50	40	28	22

lamp chart

	Lamp Wattage	DC Voltage	Lumen Output	Lamp Type	Lamp Suffix (Add to Unit Model No.)
Use With 6-Volt ECN, ENN Series	8	6	180	Halogen	H7551
	18	6	220	Incand.	4014
	25	6	350	Incand.	4510
Use with 12-Volt E12CN, E12NN Series	8	12	180	Halogen	H7555
	18	12	220	Incand.	4414
	25	12	350	Incand.	4446