

Type No. _____
 Job Name _____
 Catalog No. _____



Shown: ER62J96



Shown: ER6N142H76W

ER6/ER12 Series

- **Low Profile Commercial Recessed Emergency Unit**
- **6 Volt, 14 to 28 Watts Sealed Lead Calcium or Nickel Cadmium Battery**
- **12 Volt, 50 to 75 Watts Sealed Lead Calcium**

Electronics

- 120/277 VAC dual voltage input capability
- Lead calcium units utilize a solid-state, fully automatic, voltage regulated charger
- Nickel cadmium units utilize a solid-state, constant voltage charger
- Includes low voltage disconnect (LVD), AC lockout, brownout protection, AC indicator lamp and test switch

Electrical Specifications

120 VAC - 0.07 amps, 7.3 watts
 277 VAC - 0.03 amps, 7.3 watts

Battery

- Choice of maintenance free, sealed lead calcium or maintenance free, sealed nickel cadmium batteries
- Lead calcium battery has an expected service life of 5 years with an operating range of 65°F (19°C) to 85°F (30°C)*
- Nickel cadmium battery has an expected service life of 10 years with an operating range of 20°F (-7°C) to 95°F (35°C)*
- Nickel cadmium batteries are ideal for high ambient temperature areas

* Increases or decreases in temperature will affect battery performance and/or capacity. Optimum battery performance realized at 77°F (25°C)

Code Compliance

- UL 924 listed
- NFPA 101, NEC, BOCA, OSHA, and IBC illumination standards

Warranty

Electronics: 3 years
 Battery: 1 year full, 4 years pro-rata (lead calcium)
 5 years full, 5 years pro-rata (nickel cadmium)

Housing

- 20 gauge galvanized steel backbox with 1/2" conduit knockouts
- UL 94 V-0, 5 VA impact resistant white thermoplastic faceplate (6 Volt units only)
- 12 Volt units utilize a 12 gauge steel trim plate and is powder-coated in white or black
- May be wall or ceiling mounted — optional bar hanger kit for suspended ceilings

Operation

Model	Sugg. Head	DC Voltage	Watts to 87½ of Rated Voltage*			
			1½ hrs.	2 hrs.	4 hrs.	8hrs.
ER6	H76W	6	18	13.5	7	—
ER625	H76W	6	25	19	9.5	—
ER6N14	H76W	6	14	10.5	—	—
ER6N28	H126W	6	28	21	10.5	5.4
ER1250	H1212W	12	50	42	24	12
ER1275	H1212W	12	75	49	28	14.4

*Per NEC Specifications

Application

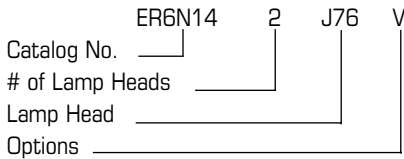
- Ideal for industrial and commercial locations where a self-contained recessed emergency lighting unit is desired

ER6/ER12 Series

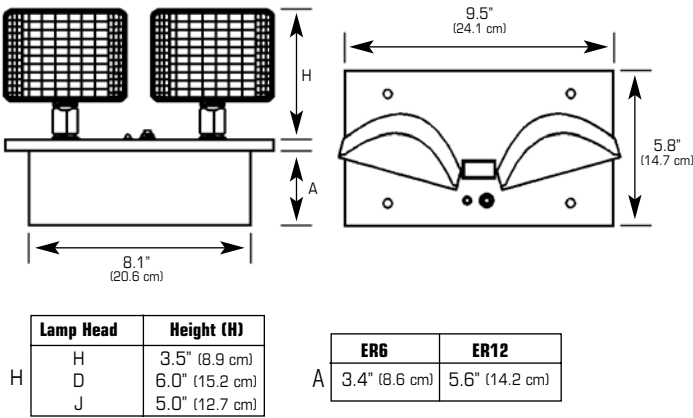
Ordering Information

CATALOG NO.	# OF HEADS	LAMP HEADS	OPTIONS	ACCESSORIES (Ordered Separately)
Lead Calcium Units ER6 = 6 Volt, 18 Watt Unit ER625 = 6 Volt, 25 Watt Unit ER1250 = 12 Volt, 50 Watt Unit ER1275 = 12 Volt, 75 Watt Unit Nickel Cadmium Units ER6N14 = 6 Volt, 14 Watt Unit ER6N28 = 6 Volt, 28 Watt Unit	2 = Two 1 = One	See Lamp Head Selection Chart Below	DL = Damp Location ¹ V = Voltmeter ² W = White Trim Plate B = Black Trim Plate ³	BHK1 = Bar Hanger Kit PVS = Polycarbonate Vandal Shield NOTES: 1) ER1250 units only. 2) Not available with ER6N28. 3) 12 Volt units only

Ordering Example



Dimensions



Dimensions are approximate and subject to change.

Suggested Specification

Furnish and install LightGuard's ER6/ER12 Series model _____. The emergency lighting unit shall be listed to Underwriters Laboratories, Inc. Standard #924 and shall meet the standards of the National Electrical Code.

OPERATION - Upon failure or brownout of utility power, the units shall automatically transfer to battery power and maintain the required illumination for a period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge per UL 924 standard requirements.

CHARGER - Sealed lead calcium battery units shall be equipped with a solid-state, constant voltage charger. Nickel cadmium units shall be equipped with a solid-state constant current charger.

BATTERY - The battery shall be either maintenance free, sealed lead calcium or maintenance free, sealed nickel cadmium.

HOUSING - 6 Volt units shall have a UL 94 V-0, 5 VA impact resistant white thermoplastic face plate. 12 Volt units shall have a 12 gauge steel trim plate with a durable powder-coat finish. The recessed backbox shall be constructed of 20 gauge galvanized steel. The unit shall be capable of being wall or ceiling mounted.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Lamp Head Selection

The following lamp heads are available for use with the ER6/ER12 Series Battery units. Add order code to the end of the catalog number.

	Type	Wattage*	Order Code
 "D" Head Thermoplastic Wedge Base	6 Volt Tungsten	5.4	D66W D76W D96W
		7.2	
		9.0	
 "D" Head Thermoplastic Par 36 Sealed Beam	6 Volt Halogen	7.0	DH76W DH96W DH126W
		9.0	
	12 Volt Halogen	8.0	
		12.0	
 "J" Head Thermoplastic Wedge Base	6 Volt Tungsten	5.4	J66 J76 J96 J912 J1212 J1812
		7.2	
		9.0	
	12 Volt Tungsten	9.0	
		12.5	
		18.0	
 "H" Head Thermoplastic	6 Volt Halogen	7.0	H76W H126W
		12.0	
	12 Volt Halogen	12.0	H1212W

*Total lamp load not to exceed unit capacity rating



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