

EXHZ Series

Combination unit – hazardous location, Class I, Zone 2C



Features

- Includes the addition of Class II Div 1 & 2 Groups E, F and G as well as Class III ratings
- Certified Class I Zone 2, Groups IIA, IIB and IIC
- Certified Class I Division 2, Groups A, B, C and D as per CSA C22.2 No. 137-M1981
- Certified temperature Codes for several types of emergency lamps
- Certified CSA C22.2 No. 141 and C860
- Polymeric frame, with built-in gasket to prevent water infiltration
- Heavy-duty 1/8" thick aluminum back plate with keyholes for secure wall-mount installation
- Sealed faceplate of heavy-duty, vandal-resistant polycarbonate
- Suited for areas with the risk of flammable gases, vapors or liquids that can create an explosive atmosphere
- Exit sign module illuminated by long-life, energy-efficient **ALINGAP** red LEDs
- Two LED lamps, shielded by a cast aluminum housing and a polycarbonate cover
- Sealed, maintenance-free, lead-calcium or nickel-cadmium batteries
- Remote load capacity
- Comes standard with auto-diagnostic functions
- 1/2" electrical conduit entry on both sides and at the top
- NEXUS® compatible (for more information on NEXUS®, contact your sales representative)
- Advanced diagnostics capabilities (specific load requirements)
- **Warranty details at: www.emergi-lite.ca**



nexus®

Temperature codes

Lamp rating	Temperature code	Max. temperature	Replacement part number
6V-4W LED	T4A	120°C /248°F	580.0097-E
12V-4W LED	T4A	120°C /248°F	580.0093-E
12V-5W LED	T4A	120°C /248°F	580.0104-E

Note: Use qualified replacement lamps to avoid risk of over-heating

Typical specifications

Supply and install **Emergi-Lite® EXHZ Series** combination emergency light battery unit and LED exit sign. Designed specifically for hostile environments, the equipment frame shall be of industrial grade polymer with gaskets around both sides of the frame contour. The back plate shall be made of 1/8" thick aluminum sheet and shall include knockouts for installation on an electrical box and four keyholes for alternative installation on a wall surface. The faceplate shall be constructed of heavy-duty vandal-resistant polycarbonate and feature a uniformly illuminated legend. The light source shall be light emitting diodes (LED). Red LED technology shall be **ALINGAP**. An LED sensitive diffuser shall be mounted behind the legend to provide the 6" high by 3/4" stroke letters with even illumination. When specified, the equipment shall have attached a lower compartment containing two emergency lights with adjustable swivels and long-life LED lamps of _____ V and _____ W. The lamps shall be shielded by cast aluminum housing and protected by a shock-absorbent, transparent polycarbonate cover. The equipment shall be certified for Hazardous Locations: Class I Division 2 Groups A, B, C and D. The standard AC input voltage shall be 120/347VAC. The equipment shall be equipped with a magnetic test switch located behind the faceplate and two LED pilot lights: AC-on and "Service required". The unit shall include selftesting/self-diagnostic functions monitored by a micro-controller and shall automatically self test for one minute every 30 days, 10 minutes in the 6th month and 30 minutes annually. The "Service required" LED shall light when a fault is detected. A four-LED diagnostic display located inside the equipment shall identify the source of the failure (battery, charger circuitry, or lamp load).

The combination unit shall be **Emergi-Lite®** model: _____ .

Wire guards

Ordering code	Description
460.0078-E	Wall mount

Class I Div 2 family



ENC Series

EHC Series

EH Series

HZM Series

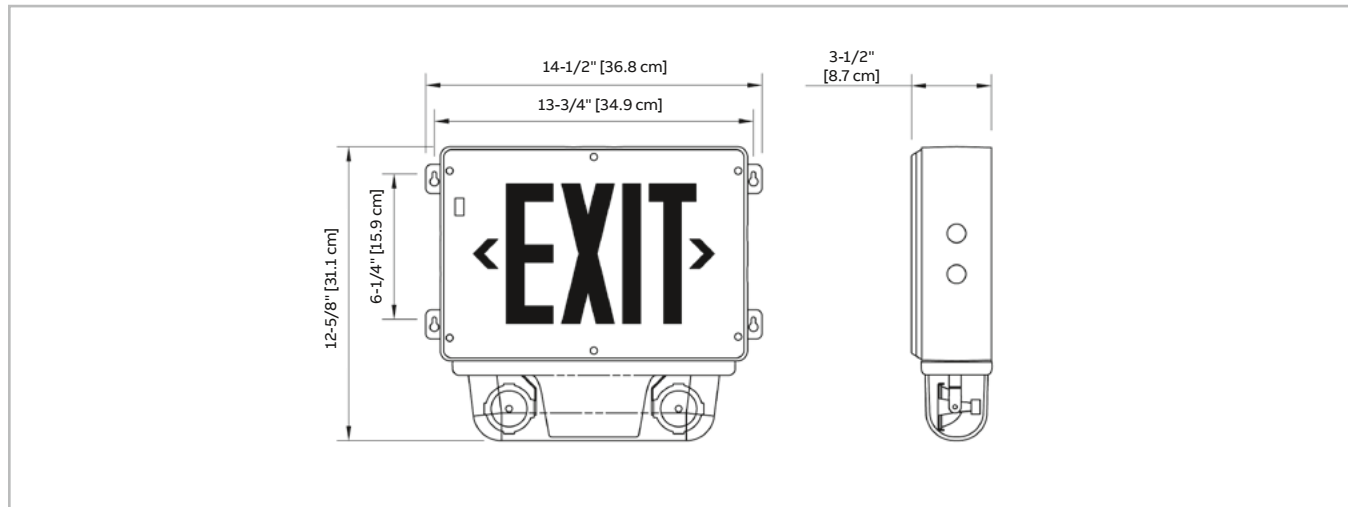
EF41 Series

EXHZ Series

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Dimensions

Dimensions are approximate and subject to change.



Power consumption

Lamp rating		AC specs	Wattage capacity				
			30 min	1H00	1H30	2H00	4H00
EXHZ-L3	120/347VAC	0.15/0.06 A	36	21	15	12	-

Ordering information

Series	Housing/face colour	Voltage	Capacity	Legend colour
EXHZ= combo exit	GG= grey/grey	2= 120/277VAC Blank= 120/347VAC	H10A= 12V-100W, NiMH N3= 6V- 36W nickel-cadmium N6A= 12V - 60W nickel-cadmium	Blank= red legend G= green legend

Charger type	Number of heads	Head style/wattage
NEXRF= NEXUS® wireless system interface ¹ U= auto-diagnostics, audible UN= auto-diagnostics, non-audible	/2= two heads Blank= no heads	LA= MR16 LED, 6V-4W LB= MR16 LED, 6V-5W LG= MR16 LED, 12V-4W LI= MR16 LED, 12V-5W LJ= MR16 LED, 12V-6W

¹Not all options available with NEXUS® system. Please consult your sales representative

Remote load must be connected.

Example: EXHZGGN3U/2LA