

Explosion Proof Exit Sign - CID1&2 - IP65 - 120V/277VAC - Emergency Back-Up - 8" Letters

Part #: EXP-EMG-EXT-LE6-1L-8IN



Made in the USA

The EXP-EMG-EXT-LE6-1L-8IN Explosion Proof LED Exit Sign with emergency battery back up from Larson Electronics is Class I, Divisions 1 & 2, Groups B, C, D, Class I, Zones 1 & 2, Groups IIB+H2, IIA, Class II, Divisions 1 & 2, Groups E, F, G and Class III Divisions 1 & 2 rated for hazardous areas. Equipped with a 1.1 watt LED lamp, a 3 hour runtime and self diagnostic system, this failsafe exit sign helps show workers within hazardous environments where the exit is during power failures. This single sided exit sign is an ideal emergency exit marking solution for hazardous locations where failsafe reliability is a must. This explosion proof light features 8" letters and meets New York City fire code standards.

The EXP-EMG-EXT-LE6-1L-8IN is an effective option for operators who wish to ensure their hazardous workspaces employ the most up to date and reliable means of marking emergency exit-ways available. Under normal conditions this emergency exit lamp uses normal external power to illuminate its 1 watt LED array. In the case of power outages or in any situation where power is interrupted, this unit automatically switches to a battery backup which will power the unit for three hours or until power is restored. This fixture has three mounting options and is multi-voltage capable.

Light Features: The EXP-EMG-EXT-LE6-1L-8IN features a backlit LED array that each contain eight LEDs, drawing a total of 1.1 watts. This explosion proof emergency LED fixture features brown-out, short circuit and voltage surge protection and has a low voltage disconnect which prevents damage to the battery caused by a deep discharge. This self-testing LED fixture will run for a minimum of 3 hours after a power failure thanks to the maintenance-free 3.6 volt NiCad battery. After emergency use, the battery takes 24 hours to completely recharge.



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This emergency exit marking fixture is explosion proof and carries an integral battery backup power supply. When external power is cut due to outages or accidents this lamp automatically switches to its battery backup which will power the lamp for three hours, longer than the requirements specified in the NFPA 101. The EXP-EMG-EXT-LE6-1L-8IN sign panel is back illuminated by LEDs and as a result draws only 1.1 watt of power and has an extreme LED luminary lifespan rated at 15 years. This fixture is approved for outdoor use and is resistant to saltwater making it suitable for use in marine environments.

Emergency Operation: The EXP-EMG-EXT-LE6-1L-8IN features a backup battery that will run the fixture for at least 90 minutes following a power outage or any other loss of power. The included emergency backup battery is a 3.6 volt NiCad rechargeable unit. These batteries are maintenance-free and have a life expectancy of 15 years while being able to operate in a wide variety of conditions including in temperatures ranging from 0°C to +40°C. This unit also features a low voltage disconnect. This means that if the fixture detects that the battery's terminal voltage has fallen below a certain level, the low voltage circuit will disconnect the emergency lighting load until normal power is restored. This prevents the battery from experiencing a deep discharge and becoming damaged.

Wiring: The EXP-EMG-EXT-LE6-1L-8IN explosion proof emergency self-testing LED fixture is **NOT** a factory sealed fixture. Operators will bring their own wiring to a junction box and complete their connects. The operator will also provide their own seal off for this fixture. The EXP-EMG-EXT-LE6-1L-8IN operates on 120/277V AC at 60Hz.

Mounting: The EXP-EMG-2L-LE6 is designed to be surface mounted to flat surfaces such as walls. The unions connecting the upper lamps to the lower indicator light enclosure allow for both horizontal and vertical adjustment. This gives operators the ability to adjust the light to their specific mounting location for ideal light coverage during a power failure or power outage.

Suggested Applications: The EXP-EMG-2L-LE6 is designed to for use within hazardous environments to mark the exit-ways of rooms and

buildings.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Made in the USA Quality

1. Uniform LED illumination
2. Battery Replacement Notification Built In
3. Universal 120V/277V AC Selectable
4. 3 Hour Battery Backup Runtime
5. Copper-free aluminum housing
6. 3/4" NPT conduit hubs
7. Maintenance free
8. 15 Year LED Rated Lifespan
9. Fully Automatic Operation
10. Self Testing System
11. High Intensity LEDs
12. Low Power Consumption (1.1 watts)
13. Fully Electronic Circuit Control

Specifications / Additional Information

EXP-EMG-EXT-LE6-1L-8IN Explosion Proof Exit Sign

Listing: United States & Canada

Lamp Type: LED

Dimensions: 14.8"L x 12"H x 8"

Voltage: 120/277VAC

Watts: 1.1

Lighting Configuration: Back Illuminated Sign Panel

Battery Backup Runtime: 3 Hours

Battery Backup: Nickel Cadmium Battery Pack

Faceplate Color: Copper Free Aluminum Housing

Materials: Red or Green

Mounting: Ceiling Mount, Pendant Mount, Wall Mount

Wiring: 3/4" NPT Wiring Hub

Superior LED Benefits

1. Extreme long life.
2. High efficiency and low amp draw.
3. High durability and reliability.
4. Small size and light weight.
5. 100% recyclable.
6. No toxins-lead, mercury.
7. High light output.
8. Consistent color over time.
9. High Versatility.
10. No fragile glass used in construction.
12. Vibration/impact resistant.

Ratings/Approvals

Class I, Divisions 1 & 2, Groups B, C, D

Class I, Zones 1 & 2, Groups IIB+H2

Class II, Divisions 1 & 2, Groups E, F, G

Class III Divisions 1 & 2

3 Hour Emergency Runtime

Self-Testing Unit

8" Letters

Special Orders- Requirements

Contact us for special requirements

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Options:

EXP-EMG-EXT-LE6-1L-8IN- COLOR

Example: EXP-EMG-EXT-LE6-1L-8IN-RED

COLOR	
Red	-RED
Green	-GRN









Links (Click on the below items to view):

- [SpecSheet Spanish](#)
- [Manual](#)
- [High Res Pic 1 Explosion Proof Exit Sign - Emergency Battery Back-Up Right Angle](#)
- [High Res Pic 2 Explosion Proof Exit Sign - Emergency Battery Back-Up Front](#)
- [High Res Pic 3 Explosion Proof Exit Sign - Emergency Battery Back-Up Left Angle](#)
- [High Res Pic 4 Explosion Proof Exit Sign - Emergency Battery Back-Up Right Side](#)
- [High Res Pic 5 Explosion Proof Exit Sign - Emergency Battery Back-Up Back](#)
- [High Res Pic 6 Explosion Proof Exit Sign - Emergency Battery Back-Up Left Side](#)
- [High Res Pic 7 Explosion Proof Exit Sign - Emergency Battery Back-Up Wires](#)
- [High Res Pic 8 Explosion Proof Exit Sign - Emergency Battery Back-Up Bottom View](#)
- [High Res Pic 9 Explosion Proof Exit Sign - Emergency Battery Back-Up Side Angle View](#)
- [High Res Pic 10 Explosion Proof Exit Sign - Emergency Battery Back-Up Close up LED View](#)