Larson Electronics LLC
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EXP-EMG-12W-1L

Class I, Div. I & II Emergency Lighting System - 90 Minutes - Explosion Proof Backup Light - 120/277

Product ID: 50970

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EXP-EMG-12W-1L
Lamp Type: LED
Dimensions: 28.67"-H, 33.50"-W
Watts: 6
Materials: Copper Free Aluminum Housing
Voltage: 120/277VAC
Lighting Configuration: 6 Watt Bulb
Mounting: Wall Mount/Flat Surface Mount
Wiring: 1/2" NPT Threaded for Conduit
U.L. Listing: U.S. Explosion Proof
Battery Backup: High temp Nickel-Cadmium
Battery Input Voltage: (Dual) 120/277VAC @ 60Hz
Unit Life Expectancy: 10 years
Battery Backup Runtime: 90 Minutes
Battery Output Voltage: 12 VDC Nominal
Battery Output Current: 1000mA (Constant)
Battery Output Power: 12 Watts (Max)
Battery Operating Temp: 0 - 50C
Battery Recharge Time: 24 hours from full discharge

U.L Ratings
Class 1, Division 1 & 2, Groups C & D
Class 2, Division 1 & 2, Groups E,F,G
Class 3,
IP67 (water proof) rating
UL 844
UL 924
NFPA101 (Life Safety Code)

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
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Made in the USA

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The EXP-EMG-12W-1L Explosion Proof Emergency Light with back up emergency battery from Larson Electronics is rated Class 1 Division 1 Class 2 Division 1 & 2 and is an ideal emergency lighting solution for hazardous locations where failsafe lighting reliability is a must.
The EXP-EMG-12W-1L is an ideal solution for operators who wish to ensure their hazardous workspaces employ the most effective and reliable safety lighting options available. Under normal conditions this emergency lamp uses normal external power to illuminate its 6 watt LED lamp. 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 90 minutes or until power is restored. Once power is restored a built in charger will return the unit to a fully charged state within acceptable UL time limits.

Click Photo to Enlarge | Click Photo to Enlarge | Click Photo to Enlarge

This explosion proof emergency lighting fixture carries an integral maintenance-free, sealed, high temperature Nickel-Cadmium 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 LED bulbs for 90 minutes. The battery is protected from deep discharge by solid state circuitry which senses low voltage and turns off the unit before battery damage can occur.
This emergency light is multi-voltage capable and can operate with voltages ranging from 120V to 277V@ 50/60HZ. This unit`s housing and LED light fixtures are constructed of copper-free aluminum that is epoxy powder coat finished to protect the aluminum surfaces. The EXP-EMG-12W-1L can withstand temperature variances ranging from 0° to 40°C and its low maintenance design offers up to ten years of operational life. An integrated pilot light indicates the presence of AC current and a test switch allows easy confirmation of proper emergency operation.

Made in the USA Quality

1. No Maintenance Nickel-Cadmium Battery.
2. Copper Free Aluminum Alloy Construction.
3. Universal 120 through 277VAC Operation
4. 90 Minute Battery Backup Runtime.
5. Deep Discharge Battery Protection.
6. 1/2” NPT Conduit Hub.
7. Epoxy Powder Coat Finish.
8. 10 Year Rated Lifespan.
9. Fully Automatic Operation.
10. Solid State Internal Electronics.
11. Pilot Light AC Current Indicator.
12. Test Switch for Emergency Operation Confirmation.
13. Fully Electronic Circuit Control.

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Frequently Asked Questions (FAQ)

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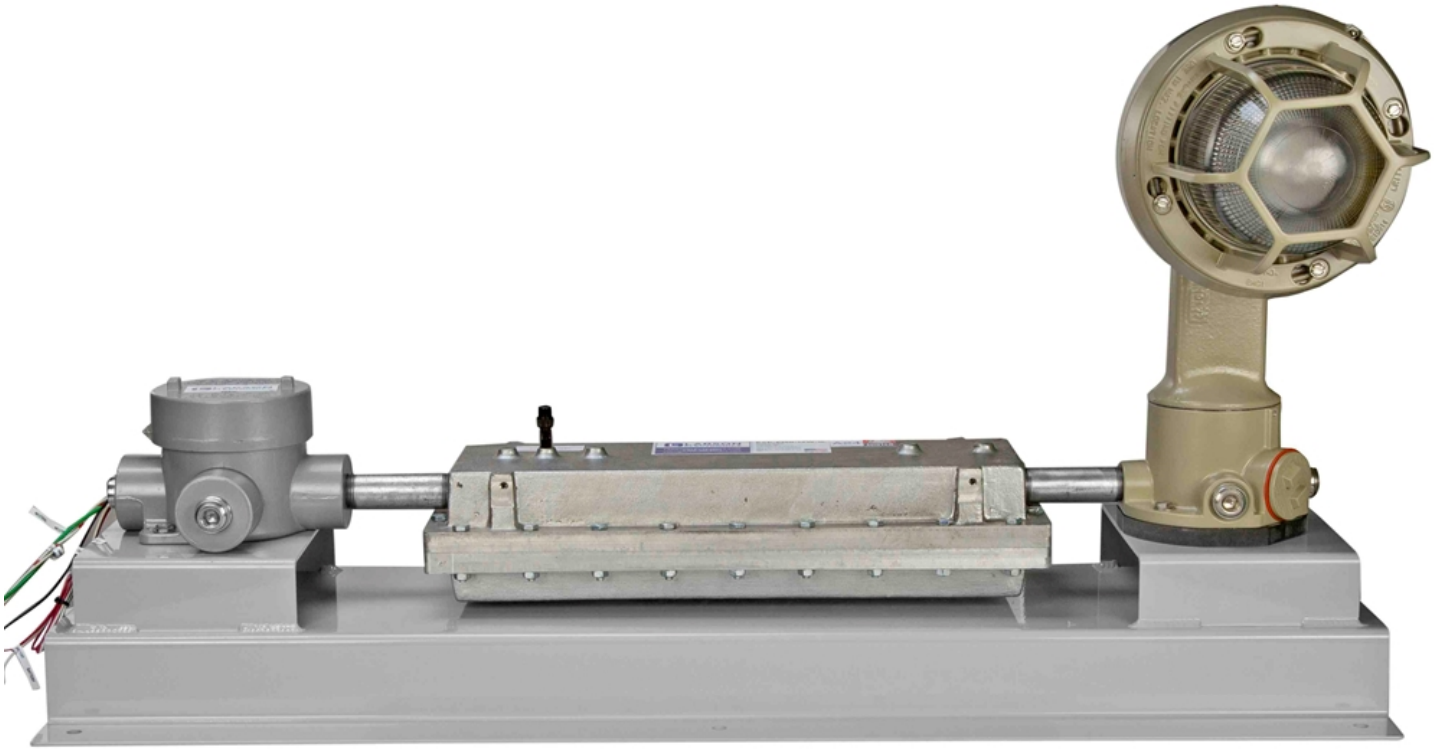




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EXP-EMG-12W-1L

Product ID: 50970

Warranty: 60 Months

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- MSDS (Material Safety Data Sheet
- Operations Manual
- SpecSheetSpanish
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map