Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

HALS-EMG-48-2L-LED-SP0108

Emergency Ballast for EMG LED Light Fixtures - Replacement Emergency Ballast for HALS-EMG-48-2L-LED Fixtures

Product ID: 282197

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.

HALS-EMG-48-2L-LED-SP0108 Emergency Backup Ballast
ETL Listing: United States
Dimensions: 11"-W x 2.8"-L x 2.85"-H
Weight: 5 lb
AC Input Voltage: 120/277 V AC (Auto Select), 60 Hz
AC Input Current: 90 mA
AC Input Power Rating: 9.5W
Maximum Load Power: 18W (Including AC Ballast/Driver)
Output Current: 24V DC
Illumination Time: 90 Minutes
Test Switch: Single Pole (Momentary)
Battery: Cold-Temperature, Maintenance Free NiMH
Battery Life: 7 to 10 Year Life Expectancy
Battery Capacity: 3800 mAh
Recharge Time: 24 Hours
Charging Indicator Light: LED

Quick Summary
Factory or Field Installation (Indoor and Damp)
Temperature Rating (Ambient): -40°C to +50°C
Made in the USA
Fused Output Load Connections

Special Orders - Special Requirements
Contact us for special requirements
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The HALS-EMG-48-2L-LED-SP0108 from Larson Electronics is an Emergency Backup Ballast that works in conjunction with a LED fixture to create an emergency lighting system. This ballast operates a maximum load of 18W at unity power factor. It allows the connected fixture(s) to be on, off, switched or dimmed without affecting emergency operation. Each unit consists of a high-temperature nickel-metal hydride, charger and

electronic circuitry in one steel case. The HALS-EMG-48-2L-LED-SP0108 provides power to the input side of the fixture, including the ballast, and can be used with indoor or outdoor emergency fixture applications. This ballast is a direct replacement for HALS-EMG-48-2L-LED fixtures.

Please note: This is for the emergency backup ballast ONLY. The lamp LED driver is a separate component.

The HALS-EMG-48-2L-LED-SP0108 supports emergency illumination for a minimum of 90 minutes. At a maximum of 18W at unity power factor, the HALS-EMG-48-2L-LED-SP0108 will provide input power to ballasted lamp supporting it at 100% of the AC rated output throughout the 90-minute emergency illumination period. Upon failure of normal power, the ballast instantly begins providing emergency power to the connected lighting load for a minimum of 90 minutes. A solid-state low voltage disconnect circuit protects the inverter battery from severe damage by deep discharge during prolonged power failures. When normal power is restored, the HALS-EMG-48-2L-LED-SP0108 automatically returns to charge mode. The battery capacity is fully restored in 24 hours. The ballast does not affect normal fixture operation and may be used with a switched or unswitched fixture. It can be installed in close proximity to the fixture or remote from the fixture (up to 250 feet).

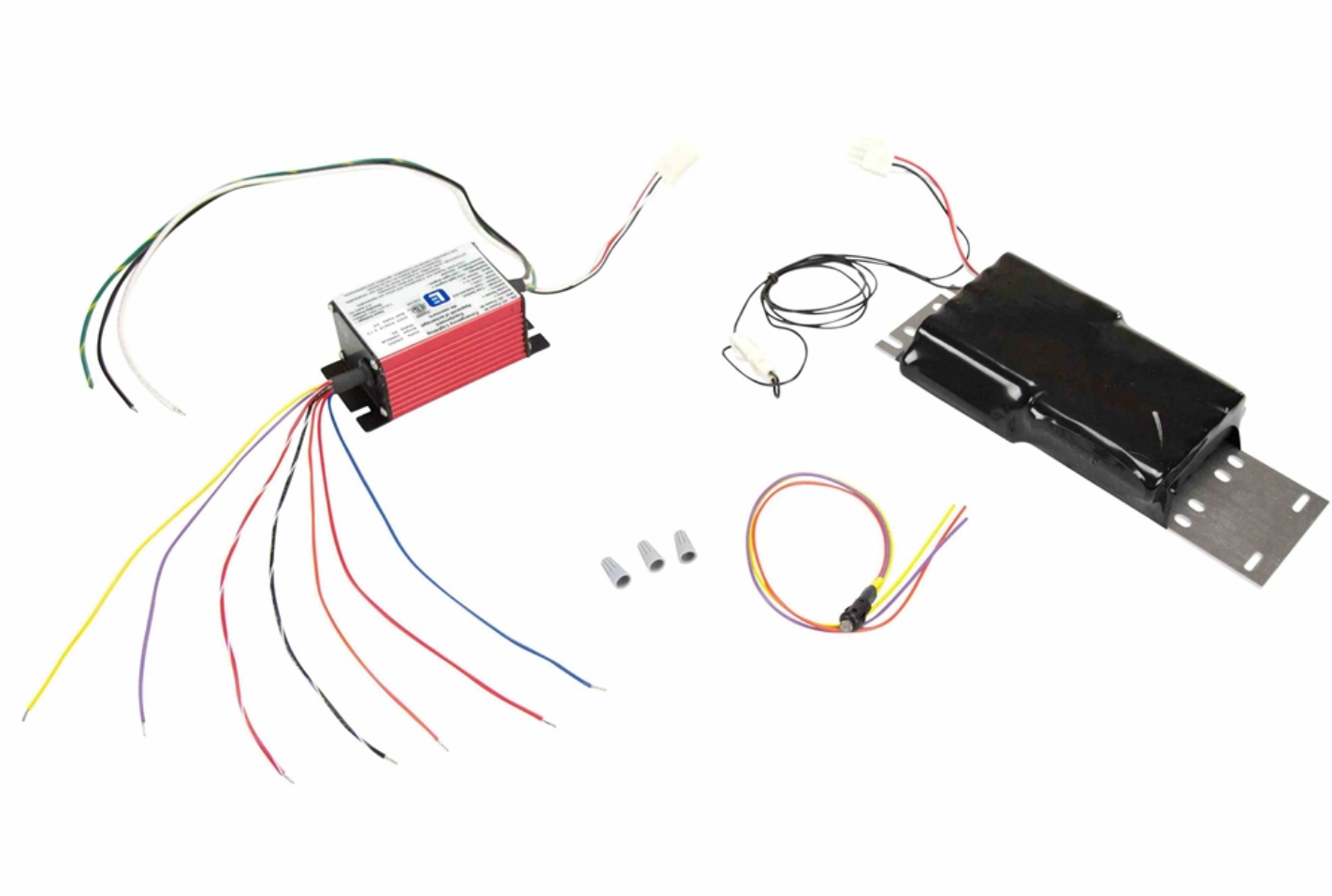
Emergency lighting shall be provided by using a standard fixture equipped with the Larson Electronics HALS-EMG-48-2L-LED-SP0108. Each unit consists of a high-temperature, maintenance free nickel-metal hydride battery, charger and electronic circuitry contained in one 11 x 2.8" x 2.85" metal case. Solid-state indicator lights signal operational status. The HALS-EMG-48-2L-LED-SP0108 unit shall be capable of powering any low voltage LED lighting fixture rated at a maximum of 18 watts for a minimum 90 minutes regardless of local switch position. The HALS-EMG-48-2L-LED-SP0108 shall allow the connected fixture(s) to be on, off, switched or dimmed without affecting emergency operation. The HALS-EMG-48-2L-LED-SP0108 unit shall exceed emergency standards set forth by the current NEC. It shall be UL Listed, suitable for damp location.

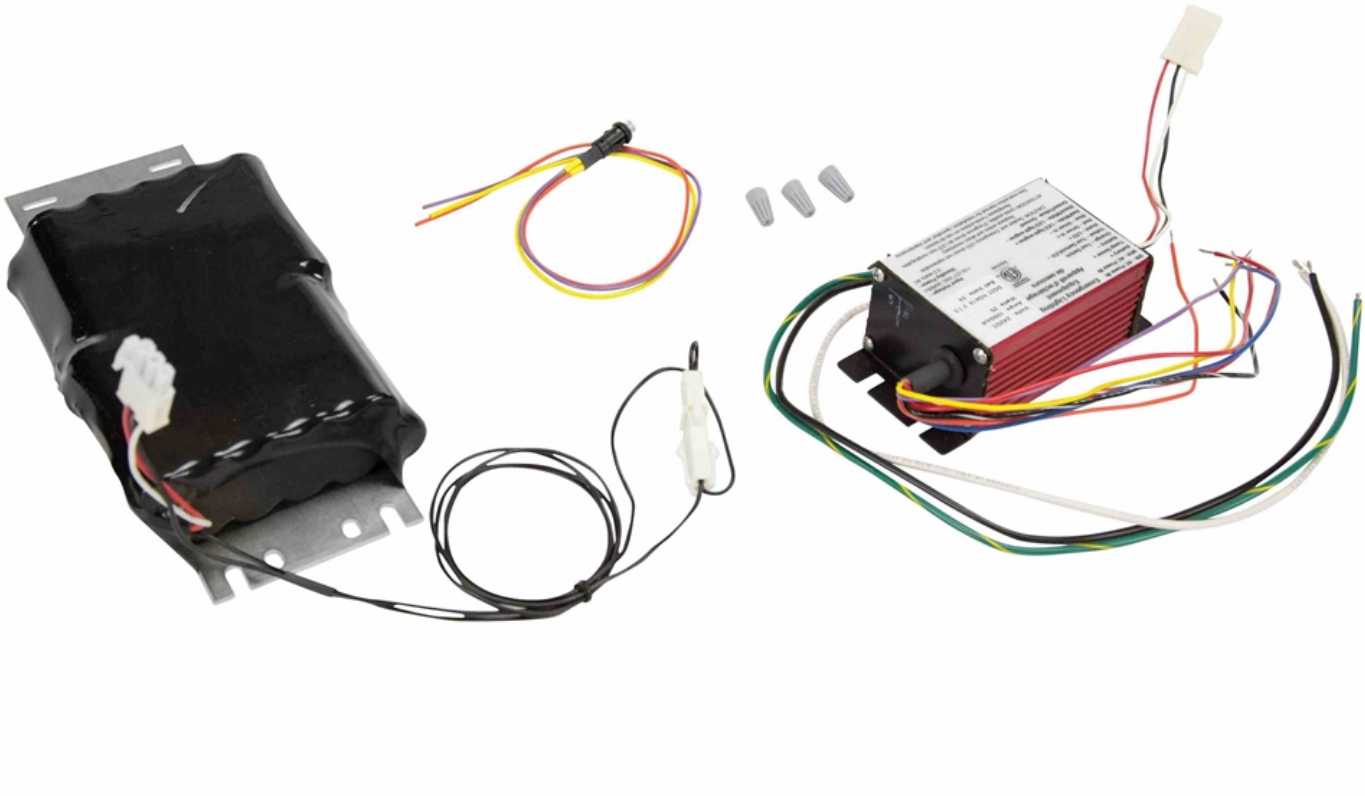
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, 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.

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Frequently Asked Questions (FAQ)





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Product ID: 282197

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**