

## 400VA Remote Emergency Power Inverter - 90 Minute Emergency Run Time

### LEDEMG-400VA

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



#### LEDEMG-400VA Remote Emergency Power Inverter

Type: Remote Emergency Power Inverter

Battery Type: Maintenance-free Sealed Lead Calcium

Case Dimensions: 22" W x 8" D x 16" H

Weight: 132 lbs

Temperature Rating: 20°C to 30°C

Battery Voltage: 36V

Input Voltage: 120V AC 60Hz or 277V AC 60Hz

Output Voltage: 120V AC 60Hz or 277V AC 60Hz

Maximum Load Power: 400VA

Battery Recharge Time: 72 hours

Transfer Time: <1 ms

Output: Sine Wave

Case Material: Steel

Mounting: Surface Mount

Installation: Remote (Up To 1000' Away From Fixture)

Emergency Run Time: 90 minutes

Emergency Lumen Retention: 91%

#### Ratings/Features:

UL924 Emergency Lighting Compliant

Sealed Lead Calcium Rechargeable Battery

One Millisecond Transfer Time

Remote Installation up to 1000' From Fixture

Sine Wave Output

Indicator Lights Signal Status

72 Hour Battery Recharge Time

90 Minute Emergency Run Time

91% Lumen Retention During Emergency Operation

#### Special Orders- Requirements

Contact us for special requirements

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**The LEDEMG-400VA from Larson Electronics is a 400V Emergency Lighting Inverter that works in conjunction with LED, fluorescent or incandescent lighting loads to create an emergency lighting system. The LEDEMG-400VA supports a maximum load of 400VA. This unit consists of a sealed lead calcium battery, charger and circuitry contained within a steel case. The LEDEMG-400VA provides power on the input side of connected fixtures including the ballast and can be used in both indoor and outdoor emergency lighting applications.**

In the event of a normal power failure, the LEDEMG-400VA instantly begins to provide emergency power to connected fixtures for up to 90 minutes. During those 90 minutes, the unit will provide up to 91% of the lumen rating of the connected fixtures. Once normal power is restored, this emergency lighting inverter will begin to recharge. The battery capacity will be fully restored in 72 hours from the start of the recharge process.

**Power:** The LEDEMG-400VA has an input voltage of 120V AC at 60Hz or 277V AC at 60Hz and an output voltage of 120V AC at 60Hz or 277V AC at 60Hz. The output frequency is synchronized to the connected utility within a +/- 2Hz range during emergencies. This remote emergency inverter has a <1 millisecond transfer time to inverter following a power failure.

**Battery:** This unit features a maintenance-free sealed lead calcium battery. The

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36V battery features automatic low-battery voltage disconnect and reverse polarity protection.

**Installation:** The LEDEMG-400VA is a remote emergency lighting inverter and can be installed up to 1000 feet away from the fixture. It can be installed with both switched and unswitched fixtures.

**Mounting:** The LEDEMG-400VA is designed to be surface mounted up to 1000 feet away from the emergency fixture.

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](mailto: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)

**Options:**

**LEDEMG-400VA-Voltage**

**Example: LEDEMG-400VA-120V**

Voltage	
120V AC	-120V
277V AC	-277V

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)