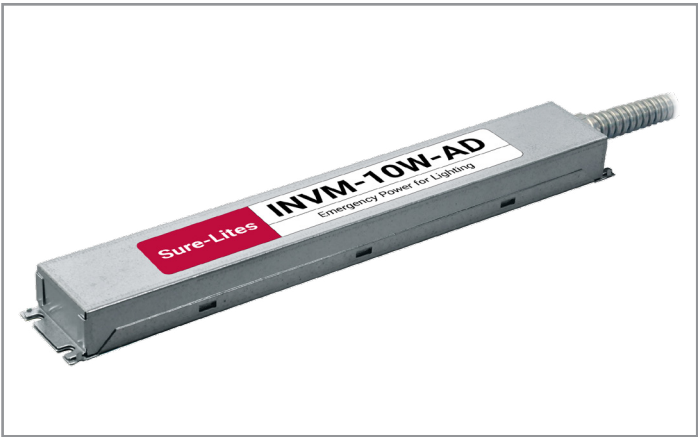


Project		Catalog #		Type	
Prepared by		Notes		Date	



Sure-Lites

INVM-10W-AD

Emergency Power for Lighting
 10VA Output Micro Inverter
 0-10V Auto Dimming to Max 50VA Load

Typical Applications
 Office • Education • Healthcare • Hospitality • Retail • Industrial • Manufacturing

- 
Interactive Menu
- Order Information page 2
 - Product Specification page 2

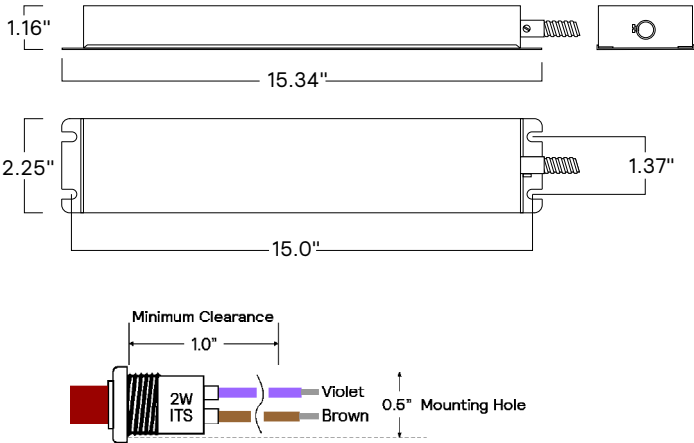


Top Product Features

- Provides 90 minutes of 10VA emergency power to lighting fixtures
- 0-10V Auto dimming allows up to 50VA max dimmable load
- 10 VA max non-dimmable load
- Automatic 120VAC or 277VAC output power to driver or ballast means easy field install
- 120~277 VAC, 50/60 Hz Input
- Compatible with LED, fluorescent luminaries, Type B TLED and screw based lamps
- UL 924 and CSA 22.2, No. 141 listed for field or factory installation
- Remote mounting up to 250 feet
- Maintenance free lithium-ion battery

Dimensional and Mounting Details

15.34" x 2.25" x 1.16" | Product Weight: 3.45 lbs. (1.56kg) | Mounting Center - 15.0"



Ordering Information

SAMPLE ORDER NUMBER: **INVM-10W-AD**

Series	VA	Auto Dimming
INVM = Mini Inverter, Single Phase	10	AD = 0-10V Auto Dimming

Product Specifications

Electrical/Application

- Universal 120~277VAC 50/60Hz, 80 mA input
- Automatically selected output voltage: 120 VAC +/- 10% or 277 VAC +/- 10%, 60Hz
- Compatible with LED, fluorescent or incandescent light fixtures
- Provides 90-minutes of emergency power
- 2~5 second transfer time
- 24-hour recharge time
- Max output power 10VA, supports up to 50VA 0-10V dimmable loads
- Max output power 10VA for non-dimmable loads
- Provides pure sine wave power to the AC input side of the fixture for easy field installation
- Can provide emergency power to indoor and outdoor lighting (not rated for outdoor mounting locations)
- Remote mounting up to 250 feet maximum
- Low voltage disconnect prevents battery from deep discharge
- Temperature Rating (Ambient) 32° F to 122° F (0° C to 50° C)

0-10V Auto Dimming

- 0-10V auto dimming feature allows a lighting load of up to 50VA to be dimmed to 10VA maximum emergency output power
- The INVM-10W-AD passes the normal room or fixture dimming control signal (0-10 V) during normal operation (AC mains on) so normal dimming operation of the luminaire is not affected.

Installation

- Compatible with switched or unswitched fixtures
- Can be installed on or near the fixture
- Remote mounting up to 250 feet

Construction

- Steel housing with conduit

Battery

- Maintenance free lithium-ion

Warranty

- 5-year limited warranty

Charging Indicator Light / Test Switch

- Integrated LED Test Switch

Code Compliance

- UL 924 damp location for factory or field installation
- CSA 22.2, No.141 compliant
- NEC, NFPA, OSHA compliant
- CEC Title 20 compliant
- National Building Code of Canada (NBC), National Fire Code of Canada (NFPC)

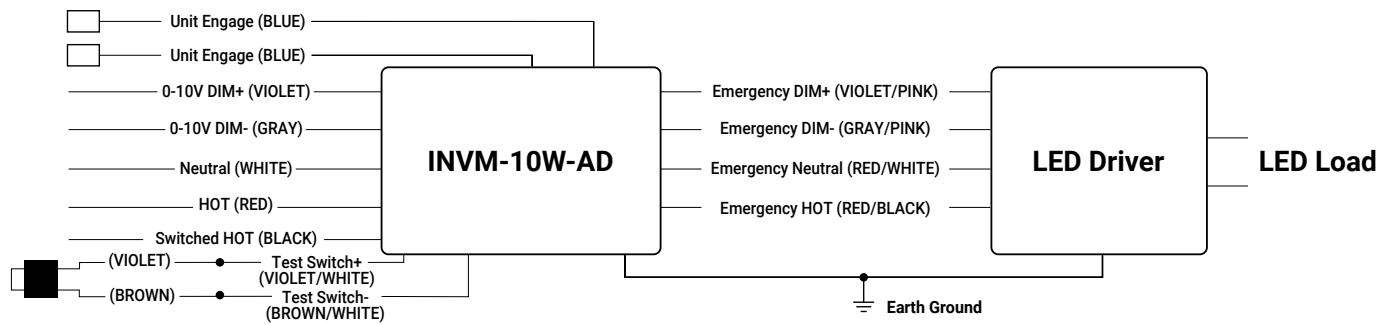
Specification

- Emergency lighting shall be provided by using a standard fixture or group of fixtures powered with a Sure-Lites INVM-10W-AD inverter.
- The INVM-10W-AD unit consists of batteries, and electronic battery charging and output circuitry contained in one metal case.
- The INVM-10W-AD unit shall be capable of powering dimmable fluorescent and/or LED lighting fixtures rated at up to 50W of input power at 0°C to 50°C for a minimum of 90 minutes by the use of 0-10V dimming control.
- The INVM-10W-AD shall allow the emergency fixture to be on, off, switched or dimmed without affecting emergency operation.
- The INVM-10W-AD unit shall exceed emergency standards set forth by the current NEC and the Canadian Electrical Code.
- This device complies with Part 15 of the FCC Rules and meets California Energy Commission Title 20 efficiency requirements.
- It shall be UL Listed for the US and Canada, suitable for damp locations, and warranted for a full five years from date of manufacture.

FCC Compliance

- This device complies with Part 15 of the FCC Rules

Schematic



Lithium Battery Shipping Regulations

To comply with IATA provisions for air transporting lithium batteries, and for a step by step guidance through the shipping process, please visit <https://www.iata.org/en/publications/store/lithium-battery-shipping-regulations/>.

To view a Classification Flowchart for package marking requirements, please visit <http://www.iata.org/whatwedo/cargo/dgr/Pages/lithium-batteries.aspx>. Scroll to the "Guidance Material" section and click on the provided "Guidance Document" PDF link. The Classification Flowchart will be found on page 5. The BTB15D battery cell capacity is less than 20Wh, and the battery pack capacity is less than 100 Wh.