



ACI-H100-A1

100 WATT EMERGENCY POWER MICRO-INVERTER UNIT

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



REV 03.12.25



DESCRIPTION

The ACE ACI-H100-A1 is a UL Listed sine wave output inverter designed to provide power to the designated emergency lighting fixture. In a power loss situation, the ACE ACI-H100-A1 will supply 120 or 277 VAC power to operate up to a 100W total connected load for not less than 90 minutes. The ACE ACI-H100-A1 works in conjunction with LED, fluorescent, and incandescent lamp and fixture types and will automatically run switched, normally-on, or normally-off designated emergency fixtures. The ACE ACI-H100-A1 is ideal for applications requiring an emergency source in elevated ceilings, for high output luminaires, and lamp types utilizing Edison screw (ES) designs. The ACE ACI-H100-A1 features a replaceable long-life nickel-cadmium battery and is covered under ACE's five-year warranty. For custom designs and layout assistance, email our design team design@PureEdgeLighting.com.

FEATURES

- Auto Dimming (010)
- Auto Select Output Voltage
- Surge Immunity 6kVpk
- Ringwave/Combination Wave
- Pure Sin Wave
- 3 Second TRA
- UL 924 Listed
- cUL Listed to CSA C22 No. 141
- Pure sine wave output
- Operates LED, incandescent, and fluorescent fixtures, fixtures with dimmable ballasts, and screw-base lamp types
- For use with switched or unswitched fixtures
- Dual voltage 120/277 VAC 60Hz input with 120/277 VAC 60Hz
- Includes test switch and charge indicator accessory kit
- Replaceable and recyclable long-life high temperature nickel-cadmium battery
- Line voltage allows for remote mounting of emergency fixtures at distances up to 250 feet
- Low Battery Voltage Disconnect (LVD)
- Rated for use in damp locations
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements
- RoHS Compliant
- Five-Year Warranty

POWER INPUT

Universal 120/277VAC (50/60Hz)
100 Watts (Bulk Charge)

POWER OUTPUT

120/277VAC (Auto) 60Hz
100 Watts (at 0.9 leading to 0.9 lagging PF)

OPERATING TEMP

0° to 50°c

DIMENSIONS

22.5" x 3.0" x 2.75"

WEIGHT

9 lbs

EMERGENCY OPERATIONS

90 minutes

APPLICATIONS

Indoor, Damp Location*

To avoid overheating the power supply, install it in a ventilated remote location where air flows. Maintain proper spacing (6") among power supplies when multiple power supplies are installed in the same remote location.

COMPLIANCE

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed, Made in America.

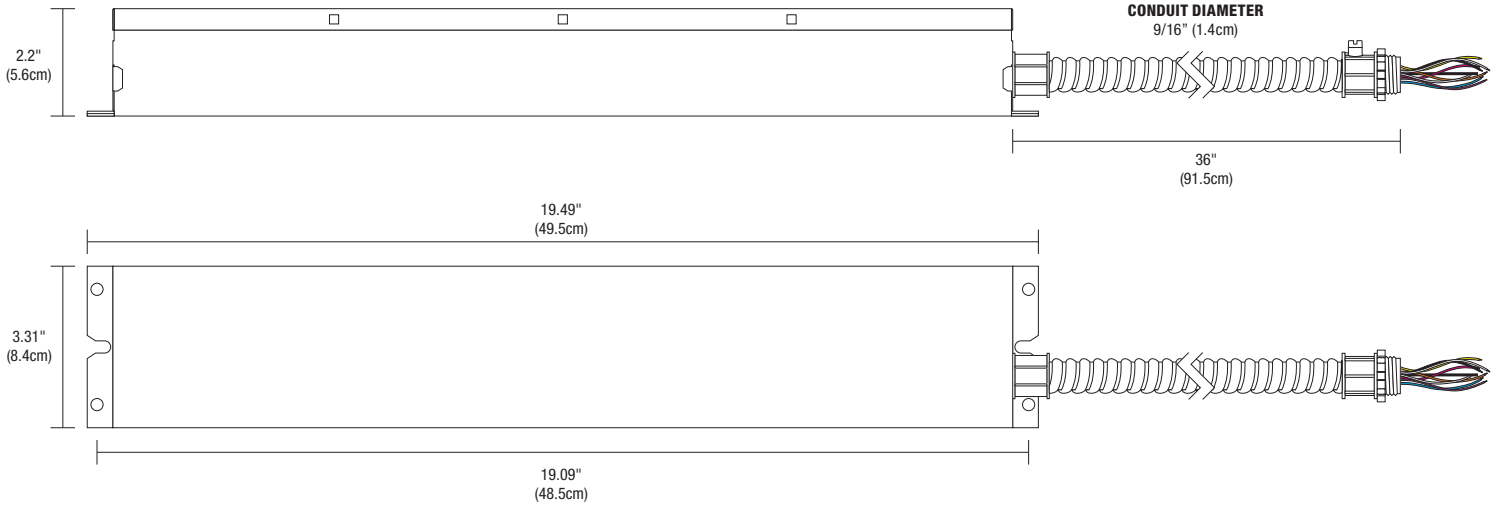
Product	Wattage	Type
ACI	H100	A1
ACI Micro Inverter	H100 100 Watt	A1 A1 Inverter

PROJECT	FIXTURE TYPE	DATE
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ACI-H100-A1

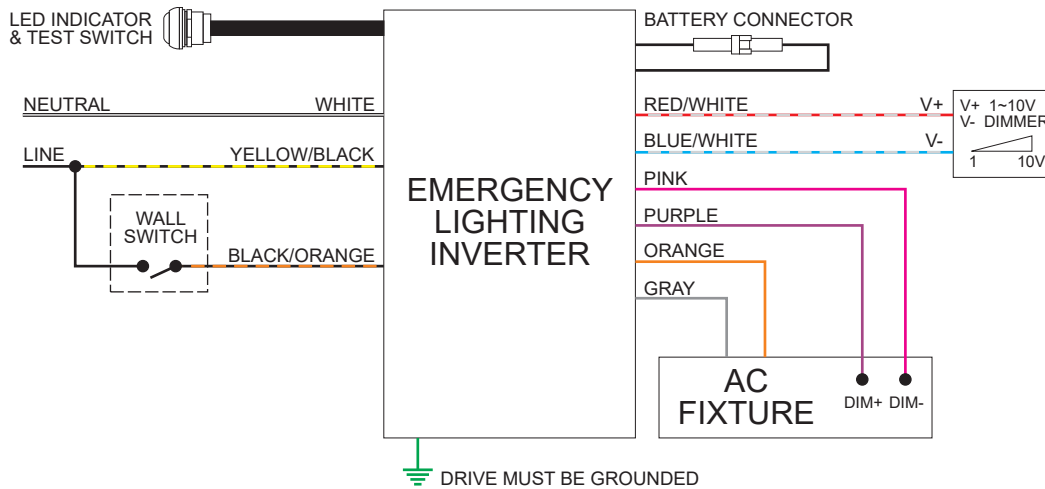
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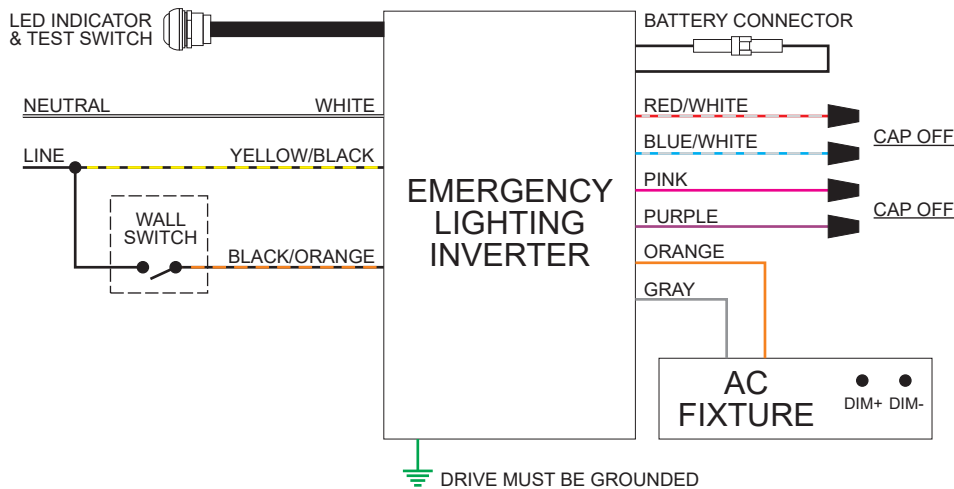


WIRING DIAGRAMS

WITH 0-10V DIMMER



WITHOUT 0-10V DIMMER



PROJECT		FIXTURE TYPE		DATE	
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