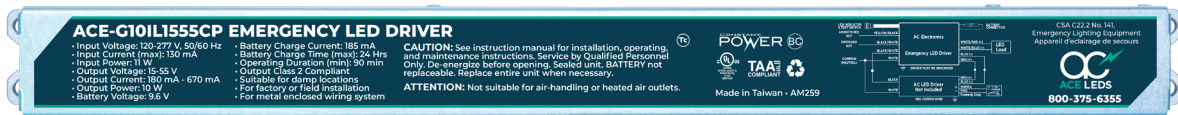


## ACE-G10IL1555CP Emergency LED Driver

### Primary Specifications:

Output Power Max	Input Power	Input Current Max	Emergency Operating Time	Battery	Input Voltage	Output Voltage	Ambient Operating Temperature	UL Listed for US and Canada
10 W	11 W	130 mA	90 min.	LiFePO <sub>4</sub> 24 Hour recharge 7 to 10 year Life expectancy	120-277 Vac 50/60Hz	15-55 V <sup>1</sup>	0 °C through 55 °C	UL and cUL (UL924) Emergency LED Driver



### Description:

The **ACE-G10IL1555CP** from AC Electronics is a UL Listed Emergency LED Driver that enables the same LED fixture to be used for both normal and emergency operation. The **ACE-G10IL1555CP** contains a LiFePO<sub>4</sub> battery, a high-efficiency battery charger, control circuitry, and high-efficiency power converter circuits, in a single metal enclosure. In the event of a normal power failure, the **ACE-G10IL1555CP** switches to emergency-mode and operates the fixture's LED array

### Additional Specifications:

Normal (ac) driver maximum output current:.....5 A<sup>2</sup>  
 Output current range:.....180 mA to 670 mA<sup>3</sup>  
 Surge protection:.....3 kVp  
 Maximum case temperature T<sub>c</sub>:.....66 °C  
 Nominal battery voltage:.....9.6 V  
 Battery charge current:.....185 mA  
 Metal enclosure IP rating:.....IP30  
 Weight.....4 lb  
 Dimensions:.....14.1 in L x 1.18 in W x 1.0 in H x 13.7 in M

<sup>1</sup>The emergency-mode output voltage operating range is 15 - 55 V. The absolute maximum output voltage is 60 V to comply with class 2 regulations.

<sup>2</sup>The Normal (ac) Driver maximum output current is the maximum current allowed to pass through the **ACE-G10IL1555CP** circuitry in Normal-mode.

<sup>3</sup>The emergency-mode output current is automatically adjusted to maintain a constant output power across the output voltage range.

\*Warranty: 5 years based on a maximum case temperature of ≤ 60 °C, 3 years warranty based on a maximum case temperature of ≤ 66 °C

### 5-Year USA-Backed Warranty\*

See complete AC Electronics/ACE LEDS Warranty information for details.

or module for 90 minutes at a constant power of 10 W. When normal power returns, the **ACE-G10IL1555CP** returns to normal-mode and provides a short delay (a few ms) of applied AC power to the normal AC LED DRIVER. The **ACE-G10IL1555CP** can be used in switched or unswitched fixture applications. The **ACE-G10IL1555CP** can drive any LED array or module in emergency-mode with a voltage range of 15-55 Vdc and that can operate at a current range of 180 mA to 670 mA.

### Safety and Regulatory Compliance:

- UL and cUL Listed as an Emergency LED Driver (UL924)
- UL Listed for both field and factory installation
- UL & cUL Class 2 output (UL1310 compliant)
- CEC Title 20 compliant: Certified in CA Title 20 Appliance Efficiency Database – Battery Charger
- EMI: Complies to FCC commercial limits
- RoHS compliant

### Features, Benefits, and Applications:

- Constant output power: Maintains constant emergency light levels over the full 90-minute runtime and over the output voltage range.
- Self-sensing output voltage: Automatically adjusts over the 15-55 V range to maintain constant power within the class 2 voltage range.
- Includes input over voltage surge protection, output short circuit, open circuit, and over-voltage protection, as well as over-temperature protection for improved reliability.
- Two-wire universal input: Reduces wiring errors and reduces installation time and complexity.
- Includes a miniature illuminated test switch status indicator: Enables mounting in small spaces.
- Suitable for indoor and damp locations.
- Compatible with a variety of LED fixtures, such as emergency-only fixtures, as well as new and existing fixtures.
- Includes an isolated AC power relay which is used to provide a delay of the applied AC power to the normal AC LED DRIVER upon transition from emergency-mode to normal mode.

For questions or to place an order contact us at [oemsales@aceleds.com](mailto:oemsales@aceleds.com) or 800-375-6355 or your local WPG Americas Sales representative at [inquiry@wpgamericas.com](mailto:inquiry@wpgamericas.com) or 888-WPC8881