

20W Emergency LED Driver, 100–347V AC Input, 170V DC Output, 90-Min Backup

OVERVIEW

The D-EM-20W is a 20W emergency LED driver designed to provide backup power to LED luminaires during AC power failures. It is compatible with panel lights, troffers, linear fixtures, and high-bay applications, and supports both 0-10V dimmable fixtures and non-dimmable LED lamps.

The driver accepts a wide input voltage range of 100–347V AC (50/60 Hz) and delivers a 170V DC output during emergency operation. It supports fixtures up to 100W with 0-10V dimming capability, or up to 20W for non-dimmable LED lamps. Operating temperature range is 5°C to 50°C, with a maximum mounting height of 27.2 ft. The unit includes a test button and is rated for dry and damp location fixtures only. An unswitched AC power source is required for proper operation.

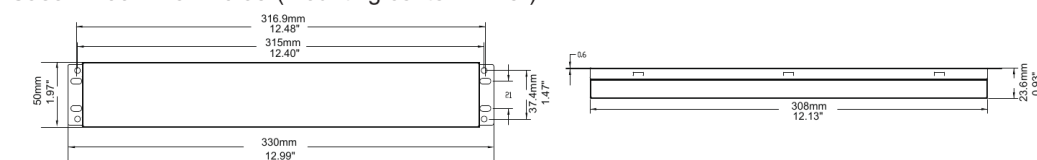
No certifications are confirmed in available source data. Initial commissioning requires a minimum 24-hour charge cycle to fully activate battery cells. Units in storage should be recharged every 6 months and must be installed or recharged within one year to avoid battery damage not covered under warranty.

SPECIFICATIONS

Power	20 W	Operating temp	5 to 50 °C
Input voltage	100-347V AC, 50/60 Hz V	Dimensions	12.99 x 1.97 x 0.93 in

DIMENSIONS

Case- 12.99 x 1.97 x 0.93 (mounting center- 12.48)



Wiring Diagram