

Emergency LED Driver 60W, 170Vdc Output, 100-347VAC Input, 90-Min Backup

OVERVIEW

The D-EM-60W is a built-in emergency LED driver designed for use with 0–10V dimmable LED fixtures. It provides continuous illumination during power outages, making it suitable for commercial and industrial applications requiring code-compliant emergency lighting backup.

The driver accepts universal input voltage from 100–347VAC (50/60Hz) and delivers 170Vdc output at up to 460mA, supporting output power configurations of 30W, 40W, and 60W. Emergency runtime is 90 minutes, with a 24-hour recharge time. The built-in lithium-ion battery includes overcharge, over-discharge, and short-circuit protection, and is rated for 500 charge/discharge cycles. Operating temperature range is 41°F to 122°F (5°C to 50°C). The unit is silicone potted and rated IP65. Dimensions for the 60W configuration are 14.06" x 3.04" x 1.83" with a 13.39" mounting center distance.

The D-EM-60W is UL Listed (E493915) and carries CSA CC2.2 No. 141 and UL924 certifications. A 5-year full warranty is included. An illuminated test switch and charging indicator are integrated into the unit.

SPECIFICATIONS

Input voltage	100-347VAC V
Output Voltage	170 Vdc
Power	60 W
Output Power Options W	30, 40, 60 W
Output Current	460 mA
Ac Input Current Max	200 mA
Ac Input Power	15 W
Battery Charging Current	500 mA

Emergency Duration

90 min

Recharge Time

24 hr

Battery Type	Li-ion
Operating temp	5 to 50 °C
Operating Temp F	41 to 122 °F
IP rating	IP65
Warranty	5 years
Dimensions 60w	14.06 x 3.04 x 1.83 in
Mounting Center 60w	13.39 in
Dimensions 30w 40w	11.34 x 3.04 x 1.83 in

Mounting Center 30w 40w

10.69 in

Material

WIRING DIAGRAM

Note: The Emergency LED Driver Work With 0 – 10V Dimmable LED Fixture (with Dimmer Switch)

