

## 40W Emergency LED Driver, 170Vdc Output, 100-347VAC, 90-Min Backup

### OVERVIEW

The D-EM-40W is a 40W emergency LED driver designed to maintain illumination during power outages. It accepts universal input voltage (100–347VAC, 50/60Hz) and delivers 170Vdc output, making it suitable for a wide range of commercial and industrial LED fixture installations. The unit is compatible with 0–10V dimmable LED fixtures when used with a dimmer switch.

The driver provides a minimum 90-minute emergency backup runtime and includes a built-in lithium-ion battery rated for 500 charge/discharge cycles. Battery recharge time is 24 hours, with a charging current of 500mA. Operating temperature range is 5°C to 50°C (41°F to 122°F). The housing is silicone potted and rated IP65. Physical dimensions for the 30W/40W configuration are 11.34" x 3.04" x 1.83" (L x W x H) with a 10.69" mounting center distance.

The driver carries CSA CC2.2 No. 141 and UL924 listings. A 5-year full warranty is included. An illuminated test switch and charging indicator are integrated into the unit.

### SPECIFICATIONS

|                           |              |                                 |                        |
|---------------------------|--------------|---------------------------------|------------------------|
| <b>Input voltage</b>      | 100-347VAC V | <b>Operating temp</b>           | 5 to 50 °C             |
| <b>Power</b>              | 40 W         | <b>Warranty</b>                 | 5 years                |
| <b>Output Voltage</b>     | 170 Vdc      | <b>IP rating</b>                | IP65                   |
| <b>Output Current</b>     | 460 mA       | <b>Dimensions</b>               | 11.34 x 3.04 x 1.83 in |
| <b>Emergency Duration</b> | 90 min       | <b>Ac Input Power</b>           | 15 W                   |
| <b>Recharge Time</b>      | 24 hr        | <b>Ac Input Current</b>         | 200 mA                 |
| <b>Battery Type</b>       | Li-ion       | <b>Battery Charging Current</b> | 500 mA                 |

### WIRING DIAGRAM

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

