



Available Models¹

- DEME2-9W-WHZ

Part Number Breakdown

Example: DEME2-9W-WHZ

Series	Enclosure	IP Rating	Version	Output Power	Input	Output	Feature
DE [Diode Drive, Emergency]	M [Metal]	E [IP44]	2 [V2]	9W [9W]	W [Wide, 100-347V]	H [High Voltage Emergency]	Z [0-10V Dimming]

Overview

The DiodeDrive emergency battery backup LED driver turns on when line power fails, providing 145 VDC of power via a lithium-ion battery. The internal battery provides emergency lighting for up to 90-minutes and has a 24-hour recharge time. It has a wide input voltage range of 100-347 VAC and supports a fixture up to 80W. It provides constant output power to lights even as the battery voltage diminishes. Automatic self-testing runs required monthly 30-second and annual 90-minute tests. Faults are displayed on the included test switch/indicator module that mounts in a single-gang wall box. UL 924 Listed certification meets or exceeds specific safety and fire hazard codes required for commercial properties in the United States.

Features

- 90-minute emergency power on 24-hour charge
- Wire directly to LED fixture driver
- Test switch/indicator included for automatic testing
- Powers 0-10V dimmable fixtures from 9W to 80W
- Wide input voltage range of 100-347 VAC

Product Details

- External wires housed in a flexible conduit
- 0-10V dimming connections for fixtures \geq 9W
- IP44, Suitable for damp locations
- Lithium-ion emergency backup battery
- Multiple Integrated Protections (see specifications)

Certifications and Compliances

- UL Listed - UL 924 (FTBV)
- CEC Title 20 Compliant
- FCC Compliant
- American NFPA 101 Life Safety Code Compliant



Applications

- Commercial Downlights
- Emergency Lights
- Linear High Bays
- Linear Strip Fixtures
- Panel Lights
- Troffer Fixtures

Warranty

- 5-year warranty



¹Contact customer service if interested in other options.



DE Series

Emergency Battery Backup Driver Specifications

SPECIFICATIONS	
Model	DEME2-9W-WHZ
OUTPUT	
Connected Wattage (max)	80W
Output Power	9W
Output Voltage	145 VDC
Dimming Control	0-10V ¹
Discharge Time	≥90 minutes
Battery	Li-ion (14.4V 1800mAh)
INPUT	
Input Voltage	100-347 VAC
Input Frequency	50/60Hz
Input Power (max)	8W
Input Current (max)	80mA
Recharge Time	24 hours
MECHANICAL	
Input Connection	Pigtail
Housing Material	Powder Coated Steel
Cooling Type	Free air convection
ENVIRONMENTAL	
IP Rating	IP44
Environmental Rating	Suitable for Damp Locations
Ambient Operating Temperature	0 to 50°C (32 to 122°F)

¹With compatible dimming driver.

Integrated Protections

- Battery overcharge
- Battery over-discharge
- Output overload
- Short-circuit
- Open load



DE Series

Emergency Battery Backup Driver Specifications

Dimensional Drawings

