DE Series

UFO High Bay Battery Backup Specifications

Project_____

Date_____ Type_____

DEUE-40W-WHZ

Voltage 100–347 VAC | HIGH Voltage 277–480 VAC | UL LISTED 924 | IP65 | 5yr WARRANTY

Available Models[1]

- ☐ DEUE-40W-WHZ
- ☐ DEUE-40W-HHZ

Part Number Breakdown

Example: DEUE-40W-WHZ

Series	Enclosure	IP Rating	Output Power	Input	Output	Feature
DE [Diode Drive, Emergency]	**U** [UFO]	**E** [IP65]	**40W** [40W]	**W** [Wide, 100-347V] **H** [High, 277-480V]	**H** [High Voltage Emergency]	**Z** [0-10V Dimming]

Overview

The LED UFO High Bay Emergency Battery Backup and Driver automatically provides backup battery power directly to an LED UFO high bay fixture. The internal lithium-ion battery provides backup light for a minimum of 90 minutes and has a 24-hour recharge time. The constant wattage design maintains the output wattage even as the voltage diminishes. The UL 924 Listed certification meets or exceeds specific safety and fire hazard codes required for commercial properties in the United States. Required periodic testing can be done manually by pressing the switch on the driver remotely, using the optional RF test remote, or automatically, with the included self-test feature. Choose wide 100-347 VAC or high 277-480 VAC input voltage.

Features

- 90-minute constant emergency power
- Input voltage range: 100-347 or 277-480 VAC
- Large integrated junction box
- Self-test function

Product Details

- Powers >40W to 300W fixtures via 0-10V dimming wires
- Ideal for use with UFO high bay fixtures
- Simple wiring directly to the AC inputs
- Optional RF remote for periodic testing
- IP65 waterproof
- Lithium-ion battery

Certifications and Compliances

- UL Listed - UL 924 (FTBV)
- CEC Title 20 compliant

UL LISTED | CALIFORNIA Title 20

Optional Accessories

☐ RF Test Remove (RC-3090)

Warranty

- 5-year warranty

T 866.201.2238
F 314.972.6202
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[1]Contact customer service if interested in other options.

Rev V2.1 Date: 04/30/2025

Specifications are subject to change without notice.

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Specifications

Model	DEUE-40W-WHZ	DEUE-40W-HHZ
OUTPUT		
Connected Wattage (max)	300W	300W
Output Voltage	170 VDC[1]	310-500 VDC[2]
Output Power	40W	
Dimming Control	0-10V[3]	
Discharge Time	≥90 minutes	
Battery	Li-ion (18V | 5200mAh)	
INPUT		
Input Voltage	100–347 VAC	277-480 VAC
Input Frequency	50/60Hz	
Input Power	12W	
Input Current (max)	200mA	
Recharge Time	24 hours	
PROTECTIONS		
Surge	3kV (L-N)	
MECHANICAL		
Housing Material	Die-cast aluminum	
Cooling Type	Free air convection	
Plenum Rated	Yes	
Weight	4.6lb (2.1kg)	
ENVIRONMENTAL		
IP Rating	IP65	
Environmental Rating	Suitable for Wet Locations, Waterproof	
Ambient Operating Temperature	0 to 50°C (32 to 122°F)	

[1]Dimmable 120 VAC input fixture
[2]Dimmable 277-480 VAC input fixture
[3]With compatible dimming driver

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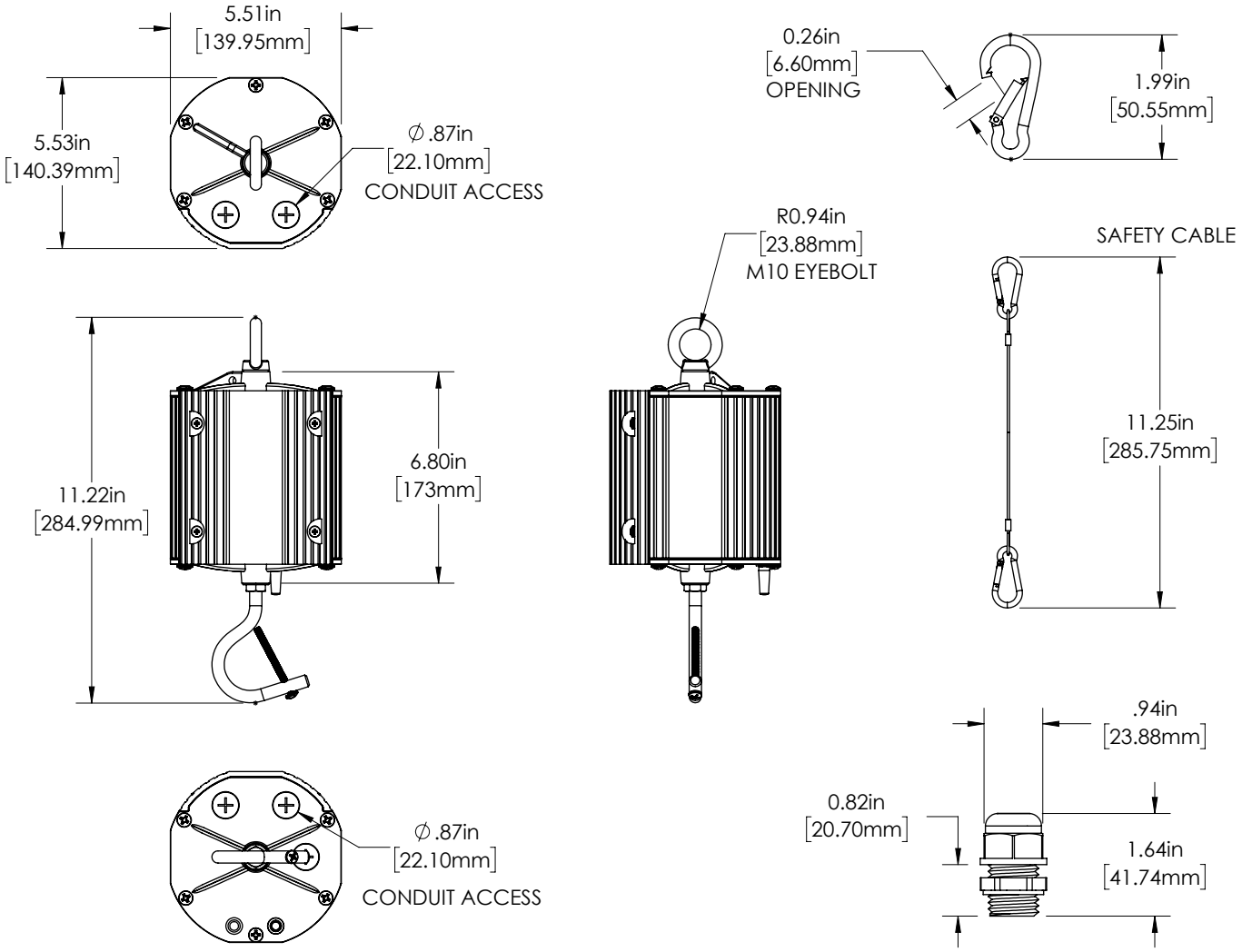
Dimensional Drawings

DEUE-40W-xHZ



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