

The Exitronix LBDX Series LED Backup Driver is specifically designed to provide emergency lighting of LED fixtures with the loss of power. The unit's low-profile configuration makes the series suitable for most pre-installation and on-site applications requiring emergency illumination.

Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____

SPECIFICATIONS

Construction

- Galvanized steel enclosure with 2' conduits on both ends
- Low profile compact design— only 1.2" thick allows for installation in many applications
- Remote Charge/Power "ON" LED illuminated push to test switch button for mandated code compliance test provides manual verification of the transfer circuit and LED fixtures

Output / Compatibility

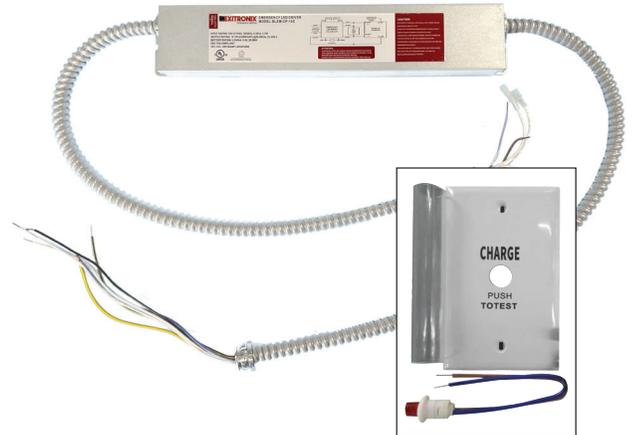
- Works with or without an AC driver to convert new or existing LED fixtures into emergency lighting
- Provides constant power output to the load during emergency mode operation.
- Designed to operate NORMALLY-ON, NORMALLY-OFF or SWITCHED LOAD fixtures
- 5W to 13W systems with 20-50V output voltage

Electrical

- Universal 120-277VAC, 50/60Hz
- Long-life, Maintenance-free LiFePO4 battery
- Provides a minimum of 90min of emergency operating time within operating temperatures. 24-hour maximum battery recharge time as per UL 924
- Charge/Power "ON" LED indicator light/ push to test switch for mandated code compliance test is included
- Output short/overcurrent protection: Electronic limiting, with normal operation resuming upon removal of fault
- Surge protection as per C62.41 (TVS)
- Input overcurrent protection: Fusible link

Installation

- Suitable for top or in remote installation of an LED fixture
- The test button is easy to locate and provides manual verification of the transfer circuit and emergency lamps
- Can be remote mounted up to 20' (the remote distance cannot exceed ½ the distance from the driver to the LED load specified by the AC driver manufacturer)
- Remote charge/test button provides manual verification of the transfer circuit and emergency load



Testing & Compliance

- UL Listed for Damp Locations; IC rated
- Meets UL 924 requirements
- CEC Title 20 compliant
- Suitable for field installation
- Class 2 compliant output classification
- Operating temperatures: 10°C to 55°C (50°F to 131°F)

Warranty

Any component that fails due to a manufacturing defect is guaranteed for five years, with a five-year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information. (Terms and conditions apply)

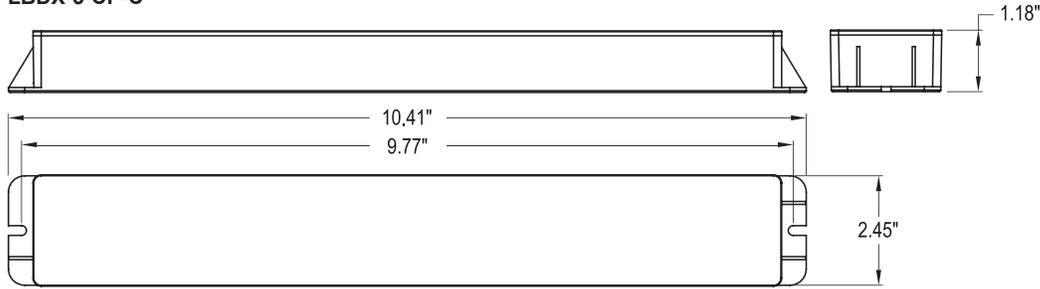
Ordering Information Example: LBDX-10-CP-C

Model	Description
LBDX-5-CP-C	5W LED Constant Power Emergency LED Driver, LiFePO4, 20-50V Output, 2' Conduit Whip Both Ends
LBDX-10-CP-C	10W LED Constant Power Emergency LED Driver, LiFePO4, 20-50V Output, 2' Conduit Whip Both Ends
LBDX-13-CP-C	13W LED Constant Power Emergency LED Driver, LiFePO4, 20-50V Output, 2' Conduit Whip Both Ends

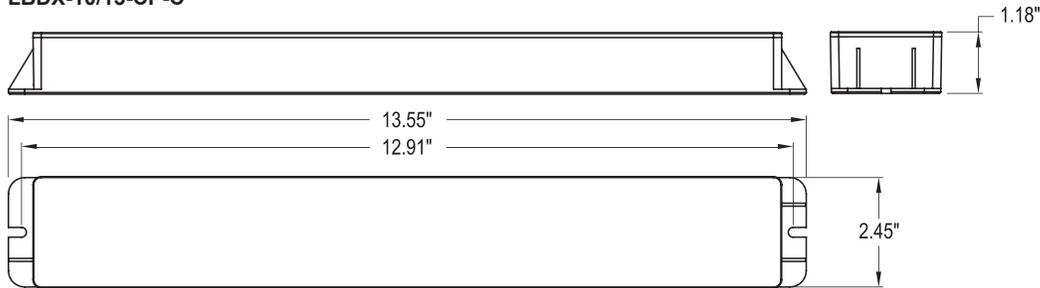
Electrical Information

Model	Output Power	Output Voltage	Output Current (mA)	Input Current (A)	Input Power (W)
LBDX-5-CP-C	5W	20-50V	250-100	0.064	3.9
LBDX-10-CP-C	10W	20-50V	535-214	0.087	5.7
LBDX-13-CP-C	13W	20-50V	685-214	0.110	6.9

LBDX-5-CP-C



LBDX-10/13-CP-C



Please refer to instruction sheet for wiring diagram and additional information.