

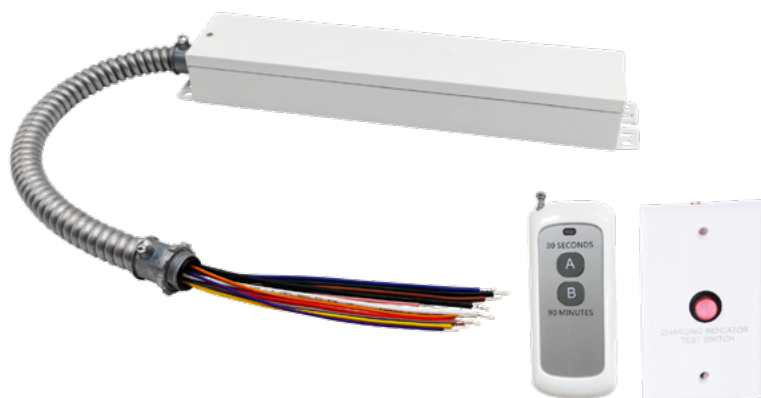
PROJECT:	
CATALOG #	
TYPE:	DATE:

## EMERGENCY BATTERY BACKUP

### DESCRIPTION

This battery backup unit delivers emergency power to a wide range of LED fixtures. In the event of a power outage, it supplies the connected fixture with 90-minutes of light, enabling sufficient visibility for occupants to safely exit the space.

This unit is intended to support higher output fixtures, up to 300W, **must have 0-10V +/- dimming connections for fixtures over 40W** providing enough power for the fixture to meet standard footcandle requirements for emergency lighting. Automatic monthly self-testing ensures that the fixture is always ready, and the paired indicator module gives a visual confirmation of the operational status.



### FEATURES

- Provides 90 minutes of emergency light during power loss
- Automatic monthly self-testing
- Manual testing via remote control (optional)
- Compatible with dimmable fixtures with 0-10V
- Max fixture watts <300W
- UL approved for damp locations
- 50,000-hour rated life
- 5-year warranty

### APPLICATIONS

- Emergency battery backup

### CERTIFICATIONS



SPECIFICATIONS

**Life (@L70):** 50,000 hours  
**Warranty:** 5 years

**PERFORMANCE**

**Operating temp:** 32°F to 122°F (0°C to 50°C)  
**Efficacy (LPW):** N/A  
**CRI:** N/A

**ELECTRICAL**

**Input voltage:** 120-347V  
**Output voltage:** 170Vdc  
**Output Power:** 40 Watts  
**Input frequency:** 50/60Hz  
**Input Current:** 200mA max  
**Input power rating:** 12W max  
**PF:** N/A  
**THD:** N/A  
**Surge protection:** N/A  
**Dimming:** 0-10 vdc. Connected fixtures over 40W must have DIM +/- connections.  
**Minimum dimming:** N/A  
**Aux. Voltage:** N/A  
**Driver CL:** N/A  
**Whip/Cord:** 18" MC cable whip  
**Sensor:** N/A

**OPTICAL**

**Beam:** N/A  
**Lens:** N/A  
**UGR:** N/A

**PHYSICAL**

**Operation Time:** 90 Minutes  
**Recharge Time:** 24 hours  
**Weight:** 2.66 lbs.  
**Battery:** Li-ion

**INDUSTRY STANDARDS/RATINGS**

**IP:** N/A  
**IK:** N/A  
**Location:** Damp  
**IC:** N/A  
**UL/ETL:** UL  
**FCC:** Yes  
**RoHS:** Yes  
**UL924 Compliance:** Yes

DIMENSIONS / WEIGHT

	LENGTH	WIDTH	HEIGHT	WEIGHT
EB40	12.32"	2.32"	1.48"	2.66 lbs

OPERATION

- Fixtures will operate normally when power is available. When an outage occurs, the fixture will switch to battery backup, delivering power to the fixture for up to 90 minutes.
- If the EB40 battery runs out, the fixture will turn off until power is restored. Once restored, the EB40 battery will begin charging.

INDICATOR LIGHT

- In AC operation, the indicator light will remain on.
- During emergency operation, the indicator light will flash slowly (on for 2 seconds, off for 2 seconds).
- If a problem is detected, the indicator light will flash quickly (on for 0.2 seconds, off for 0.2 seconds).

TEST SWITCH

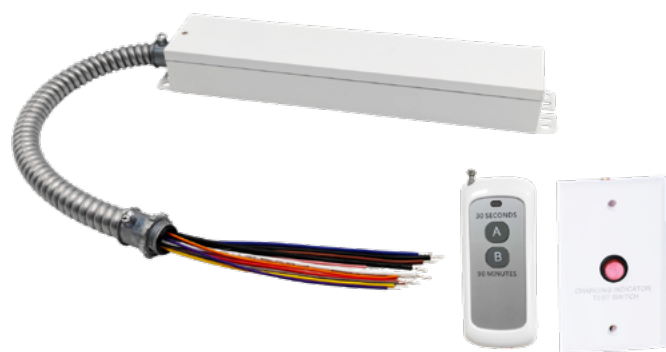
- In AC operation, press the test switch once to enter emergency mode for 30 seconds.
- In AC operation, press test switch twice in succession within two seconds to enter emergency mode full discharge.
- While in emergency mode, press the test switch to turn off emergency operation. The LED fixture and indicator light will turn off simultaneously.

TEST REMOTE

- In AC operation, press the "A" button to enter emergency mode for 30 seconds.
- In AC operation, press the "B" button to enter full discharge emergency mode for 90 minutes.
- In emergency mode, press the "A" button to exit emergency mode.
- With the antenna extended, remote range is up to 40 feet.

ORDERING

Each EB40 unit comes with the test switch/indicator light and the remote control.



MODEL #	DESCRIPTION	WATTS	VOLTS	OPERATING TIME
EB40	40W Emergency Battery Backup	40	120-347	90 minutes

**Disclaimer:** Specifications are subject to change without notice. While Litetronics makes every effort to ensure accuracy, we do not guarantee the completeness or reliability of the information provided. For the most current product data, please visit [www.litetronics.com](http://www.litetronics.com).