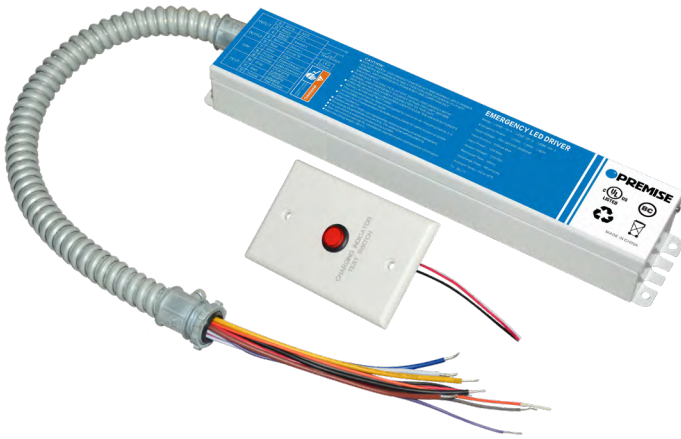




EBE SERIES EMERGENCY BATTERY EXTERNAL



Catalog #	
Project	
Date	
Prepared by	
Model #	

OVERVIEW

The EBE Emergency Battery External provides light fixtures with power during a power outage. It's designed to be field mounted for new construction or retrofit installations.

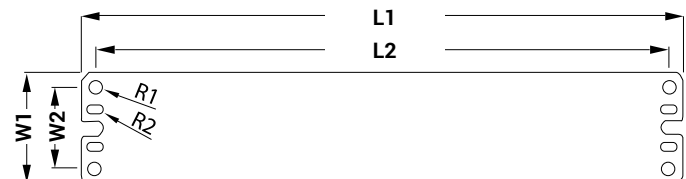
PRODUCT HIGHLIGHTS

- 100-347V
- Field installable
- Wall plated test switch
- Dry and wet location test switch options
- Self-testing
- 90 minute discharge
- Dimmable
- Over-voltage, over-current, short-circuit, open-circuit, over discharge, and over temperature protection

ELECTRICAL SPECIFICATIONS	
Input Voltage	100-347VAC
Output Voltage	170V
Input Current	<200mA
Battery Charge Time	24 hours
Battery Discharge Time	90 minutes

CONSTRUCTION	
Dimensions (inch/mm)	L1: 12 5/16" (313 mm) L2: 11 3/4" (298 mm) W1: 2 5/16" (59 mm) W2: 1 5/8" (41.9 mm) H: 1 1/2" (37.6 mm)
Weight (g/oz)	1.1kg / 2.4lbs
Installation Method	Screw mount to available surface, with junction box at most 13" away
Operation Range (°C/°F)	0°C to 50°C / 32°F to 122°F
Warranty	5 years

APPROVALS & LISTINGS	
UL/ETL Listed	E525680
Compatibility	Flat panels, troffers, commercial strips. Any 100-347V driver that has 0/1-10V dimming leads. Check lumen output during emergency operation calculation on spec sheet to confirm desired lumens.



Size(inch)										
Length		Width		Height	Radius		Flexible Conduit	Conduit Diameter	Connector Diameter	Length of the wire
L1	L2	W1	W2	/	R1	R2	/	/	/	/
12.32"	11.73"	2.32"	1.65"	1.48"	0.14"	0.08"	13"	0.75"	0.79"	5.51"

PRODUCT FEATURES

CONSTRUCTION

- 13" flexible conduit with ½" NPT threaded male end with nut
- 1.1kg / 2.4lbs weight

ELECTRICAL

- 100-347VAC input
- ≤170VDC output
- ≤200mA input

LISTINGS & RATINGS

- cULus
- RoHS
- FCC
- Listed for use in:
0°C to 50°C (32°F to 122°F)

INSTALLATION

- Screw mount to available surface, with junction box at most 13" away

BATTERY

- Li-ion
- 24 hour charging time
- 90 min discharge

RATED LIFE & WARRANTY

- 5 year warranty
(visit premiseled.com/warranty/)

ORDERING GUIDE

SERIES	-	POWER (W)	-	VOLTAGE & DIMMING
EBE		15: 15W 25: 25W 40: 40W		3: 100-347V, 0/1-10V dimming

MODEL SELECTION

SERIES	-	POWER (W)	-	VOLTAGE
EBE	-	25	-	3

ACCESSORIES SELECTION

EXAMPLE: EBE-25-3

ORDER	MODEL #	DESCRIPTION
	EBE-TS-WET	Indicator switch for EBE, wet location, silver

LUMEN OUTPUT DURING EMERGENCY OPERATION

1. Determine the fixture's efficacy under normal conditions based on the fixtures published data in lumens per watt (lm/W).

2. Reference DLC QPL (www.designlights.org) for rated data on fixture efficacy.

3. Multiply the fixture's efficacy by the rated output power of the EBE-XX-3
Example (EBF-15-3 installed with PREMISE FPH2-2240S40-3): 15W x 115 lm/W = 1,725 lm

EBE Compatibility

MODEL #	DESCRIPTION
CS2*	Commercial Strip
CS3*	Commercial Strip
STR*	Commercial Strip
CW3*	Commercial Wrap
BLP	Back-Lit Panel
FPH2	Flat Panel Hybrid
RK1	Retrofit Kit
VOL	Volumetric Troffer
LHB3 (120-347V only)	Linear Highbay

*customer defined mounting method, external battery driver must be accessible