

# Emergency Battery Backup Unit for Chain-Hung High Bay Fixtures (EBBU)

LED DRIVERS AND POWER SUPPLIES



## PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_ Date \_\_\_\_\_

## DESCRIPTION

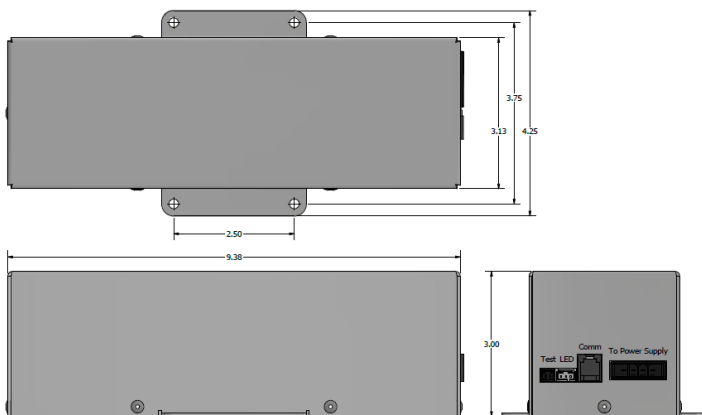
The ActiveLED® Emergency Battery Backup Unit with integrated charger (EBBU) is designed to provide emergency power to an ActiveLED lighting fixture / power supply in case of a power outage. In such an event, the LED fixture automatically adjusts its output level to an emergency power-saving mode to ensure operation up to 3 hours. When the AC power is restored, the EBBU is notified and will charge the emergency battery and maintain the battery at its maximum capacity.

The EBBU includes a 52 Volt DC Battery Pack (Lithium-Iron Phosphate) and Battery Charger that monitors and charges the battery as required.



EBBU-A-1 Chain Hung

## DIMENSIONS EBBU-A (TROFFER)



## FEATURES

- Unit will power an ActiveLED® Lighting Fixture without a power source for up to 8 hours (3 hours guaranteed with full battery) at emergency power-saving mode.
- LED Status Indicator - Displays the current status of the EBBU.
- Push-To Test Battery Button - A button on the device allows for testing to ensure proper emergency mode operation.
- Battery condition is managed for the maximum effective life by preventing, under-charging and over-charging battery conditions.
- Solid State Lithium Iron Phosphate (LiFePo4) Batteries - Will still have 85% capacity after 5,000 cycles; the equivalent of 13 years use.
- 10 Year Warranty. See page 2 for additional warranty information.

## LED STATUS INDICATOR

- Battery is in operation and powering attached fixture.
- Battery condition is too low to power the attached fixture.
- Battery is being charged.
- Test button pushed verifying BBU operation.
- Battery under 32V or disconnected.
- Over voltage condition.
- Temperature out of normal operating range.
- All systems normal, battery charged.

**ActiveLED®**  
Energy Efficient Lighting and Controls



## GENERAL SPECIFICATIONS

Input Voltage	53V DC (from ActiveLED Fixture or PSU)	Battery Endurance	At least eight hours from a fully-charged state based on a 6 Watt fixture.
Input Power	8 Watt max.	Connection to Fixture	24" 4-Conductor 18 AWG low-voltage cable, suitable for indoors use to connect the EBBU to the LED module. (Additional lengths available upon request.)
Sleep or transport power usage	none	Prerequisite	LED fixture with EBB-ready/enabled power supply (driver).
Output Voltage	DC 52V nominal 54V max.	Suitability	For indoor installation. If installed outdoors, will require weatherproof cable 07-06180002 and suitable NEMA weatherproof enclosure.
Output Power	30W max.	Dimensions	14" (L) x 3.75" (W) x 2.90" (H) (35.56 x 9.52 x 7.36 cm)
Standby Power	(Lights Off) 0.5W not charging	Weight	4 lbs, 1.8 Kg
Operating Temperature	-4° F to 140° F (-20° C to 60° C)		
Battery Pack Details	52VDC 1.35 Ah Lithium-Iron Phosphate (LiFePO4) deep-cycle.		

## WARRANTY AND CERTIFICATIONS

Ten (10) Year Warranty - Emergency Battery Backup Unit shall conform to its published specifications under normal usage and operating conditions.

## ORDERING INFORMATION

Example: EBBU-N-LIF-32180A

<b>EBBU</b>	<b>N</b>	<b>LIF</b>	<b>32180</b>	<b>A</b>
Unit	Driver	Battery	Watt	Style
<b>EBBU</b> Remote Emergency Battery Backup Unit	No Driver	<b>LIF</b> Lithium-Iron Phosphate	<b>32</b> 32 Watt Max	<b>A</b> For OL Series Troffer <b>A-1</b> Highbay Chain Hung <b>A-2</b> Low Profile