

EMERGENCY LED DRIVER TO BACK UP THE INTELLIGENT ECOSYSTEM



Constant power solutions for 90 minutes of emergency lighting

- 7W and 10W versions in plastic or metal case options
- UL listed for both factory and field installation
- Meets safety requirements for US and Canada
- Long-life, maintenance-free
- Nickel-Cadmium battery
- Meets CA Title 20 Energy Efficiency requirements
- Universal 120-277V input simplifies wiring
- Includes 2-wire test switch and LED charging indicator
- Suitable for dry and damp locations
- Class 2 output

LBU Emergency LED Driver Series

						Accessories
Images						
Model #	LBU10-P	LBU10-M	LBU7-P	LBU7-M	LBU7-M2	PLRTS
Part #	93057544	93057537	93057555	93057556	93057557	93080406
Output Power (Max)	10W		7W			Separate option for use with all LBU series drivers when a remote switch/indicator is required. Wall plate included with charge indicator/test switch. Simply replace included switch/indicator with PLRTS for remote applications.
Constant Output Power	Yes		Yes			
Output Voltage Range	20-56Vdc		15-56Vdc			
Input Power	4.2W		2.6W			
2-Wire Universal 120-277V Input	Yes		Yes			
UL Listed	Yes		Yes			
Certified: UL924	Yes		Yes			
Certified: CSA22.2 No. 141	Yes		Yes			
Certified: Factory & Field Install	Yes		Yes			
Certified: UL 1310, Class 2	Yes		Yes			
BC: CEC-400-2014-009-CMF (Battery Charger Efficiency Standard)	Yes		Yes			
Indoor / Outdoor Damp Location	Yes		Yes			
Size	1.28"X2.35"X14.5"	1.2" x 2.30" x 15.4"	1.28" x 2.35" x 11.4"	1.54" x 2.38" x 11.9"	1.54" x 2.38" x 11.9"	
Mounting Dist.	14.13"	15.18"L 1.375"W (side slots)	11.00"	11.63"L 1.688"W(side slots)	11.63"L 1.688"W(side slot)	
Case	Polycarbonate	Galvanized Steel	Polycarbonate	Galvanized Steel	Galvanized Steel	
Enclosure Required	Yes	No	Yes	No	No	
Connections	36" Flying Leads	(1) 24" metal clad whip	36" Flying Leads	(1) 24" metal clad whip	(2) 24" metal clad whips	
Ambient Operating Temperature Range	0 - 55 °C	0 - 55 °C	5 - 55 °C	0 - 55 °C	0 - 55 °C	
Warranty	5 Year		5 Year			
High Temperature, 7-10 Yr. Ni-Cd Battery	Yes		Yes			

Selecting an LBU Emergency Driver:
(See installation instructions for full details)

1. Make sure the LED load has a rated power greater than or equal to the LBU driver selected (10W or 7W).
2. Verify that the forward voltage of the LED engine is within the output voltage range of the LBU driver selected. (See output voltage range of LBU driver)
3. Ensure output of main LED driver does not exceed 1.6A into the blue wire of the LBU driver.
4. Ensure that the LED fixture efficacy is above 65Lumens/Watt to meet maximum mounting height requirements.
5. Ensure emergency mode lighting will produce required lumens for the application.

Calculation: Lumens (emergency mode) = Lumens/Watt of fixture x Output Power of LBU driver: (10W or 7W)