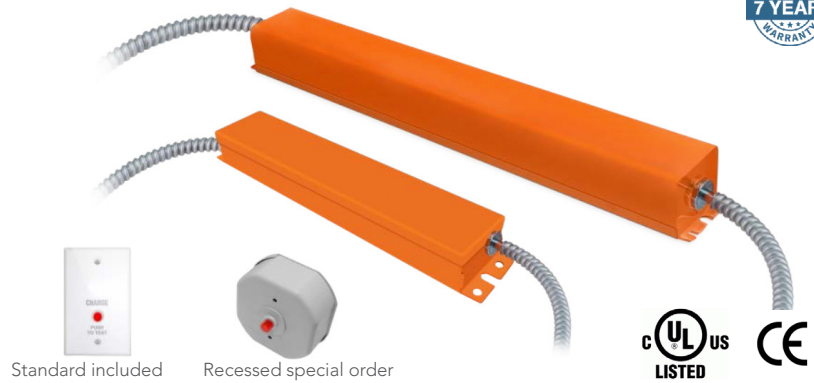




Emergency Battery Backup Low Voltage (G3)



EM8-L-54-LBF

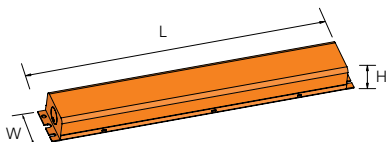


Features

- Low voltage emergency driver is suitable to backup the led fixtures that driver's output is able to do wiring.
- Power of LED fixture (Up to 100W). $\geq$ Power of emergency driver.
- LED Driver Output Current: 5A Max

Specifications

Output Power:	8 Watts
Output Voltage:	15-54V DC
Input Current:	70 mA (Max)
Input Power:	3.2 Watts (Max)
Input Voltage:	100-277VAC, 50-60Hz
Emergency Operation:	≥ 90 Minutes
Standby Power:	< 0.4 W
Operating Temp:	0°C to 50°C
Battery:	Lithium
Recharge:	24 hours
Luminaire Load Power:	100W (Max)
Certificate:	UL , CEC
Output Class:	UL LELV (Output protection self-resetting)
Warranty:	7 Yera
Dimensions:	10.64"(L) $\times$ 1.98" (W) $\times$ 1.32" (H)



EM25-L-54-LBF



Features

- Low voltage emergency driver is suitable to backup the led fixtures that driver's output is able to do wiring.
- Power of LED fixture (Max 300W). $\geq$ Power of emergency driver.

Specifications

Output Power:	25 Watts
Output Voltage:	18-54V DC
Input Current:	110 mA (Max)
Input Power:	6 Watts (Max)
Input Voltage:	100-277VAC, 50-60Hz
Emergency Operation:	≥ 90 Minutes
Standby Power:	< 0.4 W
Operating Temp:	0°C to 50°C
Battery:	Lithium
Recharge:	36 Hrs
Luminaire Load Power:	300W (Max)
Certificate:	UL , CEC
Output Class:	UL LELV (Output protection self-resetting)
Dimensions:	15.4"(L) $\times$ 2.13" (W) $\times$ 1.57" (H)





Operation

When AC power fails, Litelume's EM series emergency LED driver immediately switches to the emergency mode, operating the LEDs at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, the emergency driver automatically returns to the charging mode.

Application

Used on up to 300W LED luminaire that driver's output is able to do wiring.

Mounting Configuration

Each unit is available in 4 different mounting configurations to accommodate various performance requirement and fixtures types.

Dual Flex (Standard) Provides dual flex for wiring to both the fixture or driver compartment and test accessories.	Integral Non-Flex (Optional) Allows for integral installation within the driver compartment. May also be mounted atop the fixture when used with a TMK cover accessory.
	
Single Flex (Optional) Mounts to the junction box and provides flexible conduit for remote mounting of the test accessories.	Top-Mount Non-Flex (Optional) Top-mounting option for running wires directly into the driver compartment. Test accessories are then installed within the fixture.
	

Code-Required Testing

• Initial Self-test after installation

It will perform a functional test in 3 seconds after the driver installed to check the wiring and battery output when work. The indicator LED will be off or flicker in case of a failure or an error.

•Second Self-Test In 120 Minutes

It will perform second test in 120 minutes to check again. Upgrade in Gen 3: Repeat 4 times in every 120 minutes if fail in the second test.

•Monthly Self-Test

It will automatically perform a test every 30 days with a duration of 3 seconds, in which the wiring and battery output are checked. In case of a failure or an error, the indicator LED will be off or flicker.

Indicator Status

LED Indicator Status	EM Driver Status/Mode
Solid Red ON	System OK/AC OK
None (LED OFF)	Normal working on EM mode
Flashing Red, 1s on/1s off (cycle)	Battery voltage is too low
Flashing Red, 0.3s on/0.3s off (cycle)	System NG;Battery not detected, check battery connection;



Low Voltage 8W



For LED luminaires less than 100W Current Of Yellow Wire: 4A(Max)



For LED luminaires over 100W





Project Name	
Catalog #	
Job Type	
Prepared By	
Notes	

Ordering Information

Part #	Description
EM8-L-54-LBF	Emergency Battery Back Up, 8W, Low Voltage, 54V DC, Field Installed, 120-277V, 90 Minutes
EM25-L-54-LBF	Emergency Battery Back Up, 25W, Low Voltage, 54V DC, Field Installed, 120-277V, 90 Minutes