

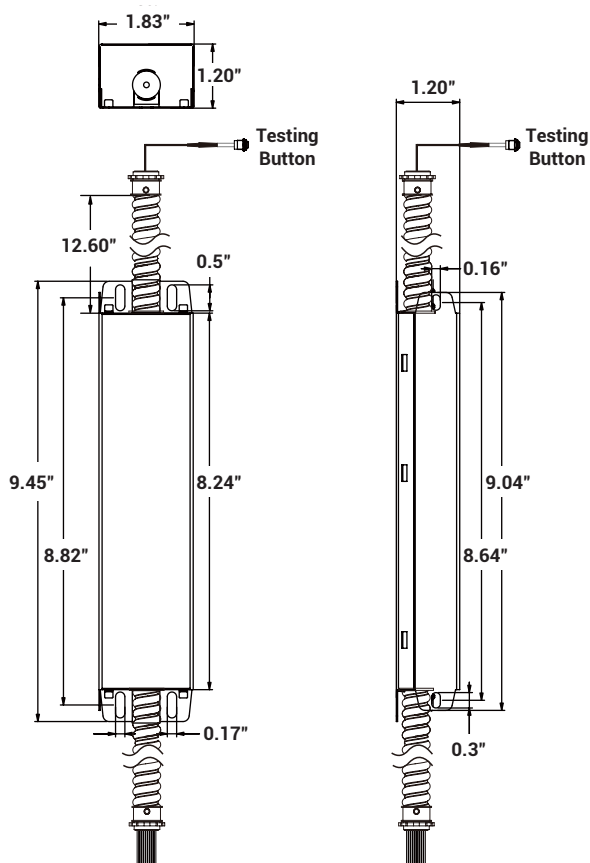


CP CONSTANT
POWER
EMERGENCY OUTPUT

SELF  TEST



DIMENSIONS



FEATURES

This self-diagnostic, constant power emergency battery back-up includes a 2-in-1 test switch and charge indicator light for maximum safety and convenience. Built for high-temperature resistance and bolsters a 90-minute discharge time and 24-hour recharge time, made possible by a recyclable LiFePO4 battery with a 2000 cycle lifetime.

Suitable for dry and damp location use. Available in standard hardwire and convenient flex remote configurations for high-end, high-ceiling, low plenum, or industrial spaces.

INPUT VOLTAGE	100-347Vac, 50/60Hz
INPUT CURRENT	100mA Max
INPUT POWER	8W Max
OUTPUT POWER	10W
RECHARGE TIME	24 Hours
DISCHARGE TIME	90 Minutes
BATTERY	LiFe04 Battery
CURRENT	≤350mA
WORKING TEMP.	5°C (41°F) to 60°C (140°F)

- 5-year warranty for parts and components (labor not included).
- Suitable for dry and damp location use.
- UL Listed for factory or field installation-UL924 & CSAC22.2 NO.141.
- California Energy Commission (CEC) Title 20 compliant.

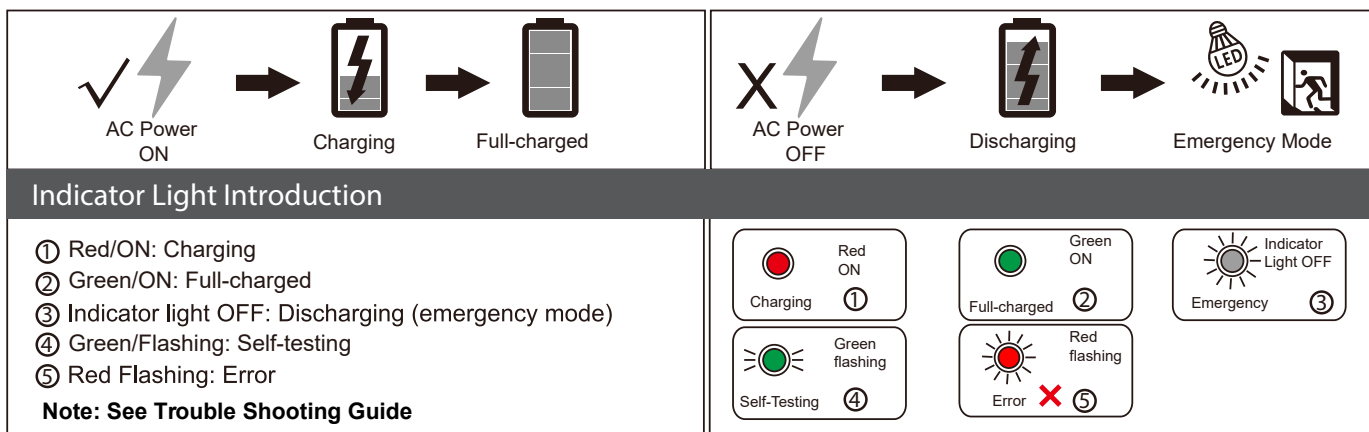
Example: **EMG-LED-G3B-120-347V-CP-10W-SDT-FLEX**

EMG-LED-G3B					
SERIES	VOLTAGE	POWER	WATTAGE	TESTING	WIRE
EMG-LED-G3B Self-Testing Emergency LED Driver	120-347V	CP (Constant Power)	10W	SDT Self Diagnostic Test	(BLANK) - Standard Hardwire FLEX - Flex Remote



SELF-TESTING

This unit contains a control/monitor circuit that if enabled automatically performs a 30-second discharge test once a month and a full 90-minute discharge test once a year. During routine testing, the self-testing emergency driver simulates an AC power failure causing the unit to automatically switch to emergency mode. The unit will monitor the operation of the LED load, battery voltage, and emergency duration. If the emergency system functions properly, then the unit will return to normal mode. Should the unit detect any problems, the indicator light will flash per failure condition (see Troubleshooting Guide) until the condition has been corrected and the unit passes the next test.



TEST SWITCH INDICATOR STATUS & TROUBLE SHOOTING GUIDE

The charge indicator will be lit Solid Red when charging, and will be lit Solid Green when fully charged and in the standby mode. The indicator will flash Green when self-testing. If a problem is encountered during the test cycle, the indicator will flash Red, according to the diagnostic codes below:

Mode	LED Indicators Status	Error	EM Driver Status / Mode	Corrective Action
Normal Mode	Solid Green 	None	Battery fully charged/System OK	/
	Solid Red 	None	Battery is charging	/
	Both LEDs OFF 	None	In EM mode or emergency run-time is ended	/
	Flashing Green 	None	Self-Diagnostic test underway	/
Fault Mode	Flashing Red 	Battery	Battery not connected	check battery switch or connection.
			Battery failure	Contact after-sales.
		Hardware issue		1. Check input AC mains wiring of Unswitched Hot, Neutral and Ground. 2. Check light connect. 3. Contact after-sales.

MANUAL TEST

Test Mode	Description	Action	Status	Quit
Fast Test	Quick discharge test	Press the test button 1 time	LED load will light up for 5s	/
Monthly	30 second test	Press the test button 3s continuously	LED load will light up for 30s	Hold the test button/switch for 1s
Annually	90 minute test	Press the test button 6s continuously	LED load will light up for 90 minutes	Hold the test button/switch for 1s