



# KT-EMRG-LED-10BC-1000-SEN2

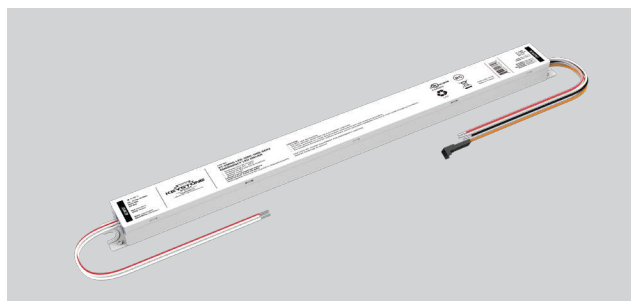
## CONSTANT WATTAGE LED EMERGENCY BACK-UP

### DESCRIPTION

LED Emergency Back-Up Driver |  
Standard Side Exit Wire Leads | 10W Output



<b>DRIVER TYPE:</b> Constant Wattage LED Emergency
<b>MAX. OUTPUT POWER:</b> 10W
<b>INPUT VOLTAGE:</b> 120 - 277Vac, 50/60Hz
<b>OUTPUT VOLTAGE:</b> 15 - 55Vdc
<b>OUTPUT CURRENT:</b> 180 - 680 mA
<b>SAFETY STANDARD:</b> UL 924, CEC T20 Compliant
<b>WARRANTY:</b> 5 Years



### ELECTRICAL SPECIFICATIONS

<b>Input Voltage Range</b>	100 - 277Vac
<b>Frequency</b>	50/60Hz
<b>Power Factor</b>	>0.5 @ 120 - 277 Vac
<b>Inrush Current</b>	< 5A
<b>Max input Current</b>	80mA @ 120Vac
<b>Output Voltage Range</b>	15 - 55 Vdc Class 2 compliant
<b>Output Current Range</b>	180 - 680 mA
<b>Output Power</b>	10W
<b>Protection</b>	<ul style="list-style-type: none"> <li>• Over Voltage Protection: Hiccup mode. Protection will trigger when load voltage exceeds specified output voltage and will auto recover after the fault mode is removed.</li> <li>• Over Current Protection: Hiccup mode. Protection will trigger when load current exceeds specified output current and will auto recover after the fault mode is removed.</li> <li>• Short Circuit Protection: Hiccup mode. Protection will trigger when short circuit and will auto recover after the fault mode is removed.</li> <li>• Over Temperature Protection: Protection will trigger when driver overheats and auto-recovery when cooled down.</li> </ul>
<b>Emergency Operation</b>	90 minutes
<b>Battery</b>	High-temperature, maintenance-free, LiFePO <sub>4</sub> battery, 6.4Vdc, 4.5Ah
<b>Recharge Time</b>	24 hours
<b>Battery Charging Current</b>	400mA
<b>Test Switch Length</b>	25 inches with Quick Connector
<b>Auto Battery Connect</b>	<ul style="list-style-type: none"> <li>• Battery Connect: The battery will ship in Sleep Mode. The battery will engage automatically when mains power (120-277Vac) is applied. There are no physical battery connectors.</li> <li>• Battery Disconnect/Sleep: To return the battery to Sleep Mode, when disconnected from mains power, press and hold the test switch for 5 seconds. Battery will disengage until mains power is applied. Sleep Mode should be used for transportation and storage.</li> </ul>

### ENVIRONMENTAL SPECIFICATIONS

<b>Operating Temperature</b>	0°C/32°F to 60°C/140°F
<b>Storage Temperature</b>	0°C/32°F to 60°C/140°F
<b>Life Rating</b>	50,000 Hours
<b>Maximum Case Temperature</b>	85°C/185°F for battery

### SAFETY AND EMC COMPLIANCE

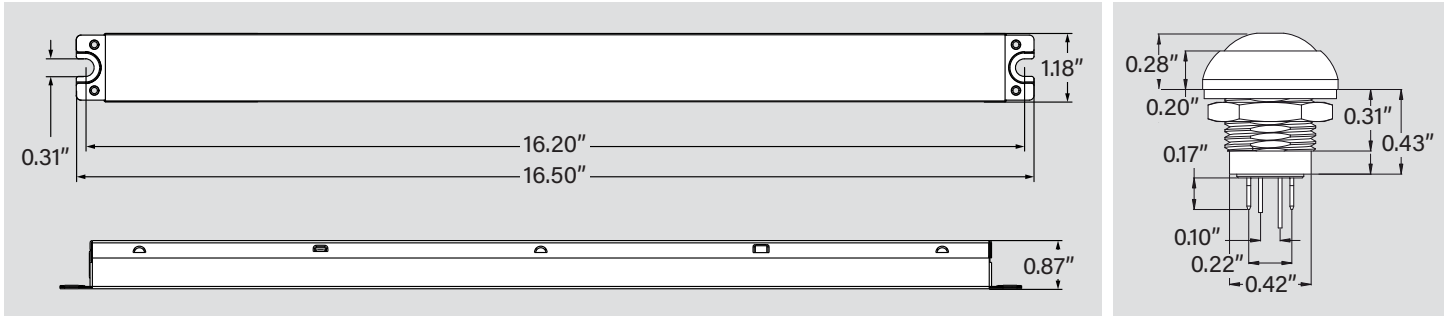
<b>UL/cUL</b>	UL 924
<b>FCC, 47CFR Part 15</b>	ANSI C63.4:2009 Class B Compliant



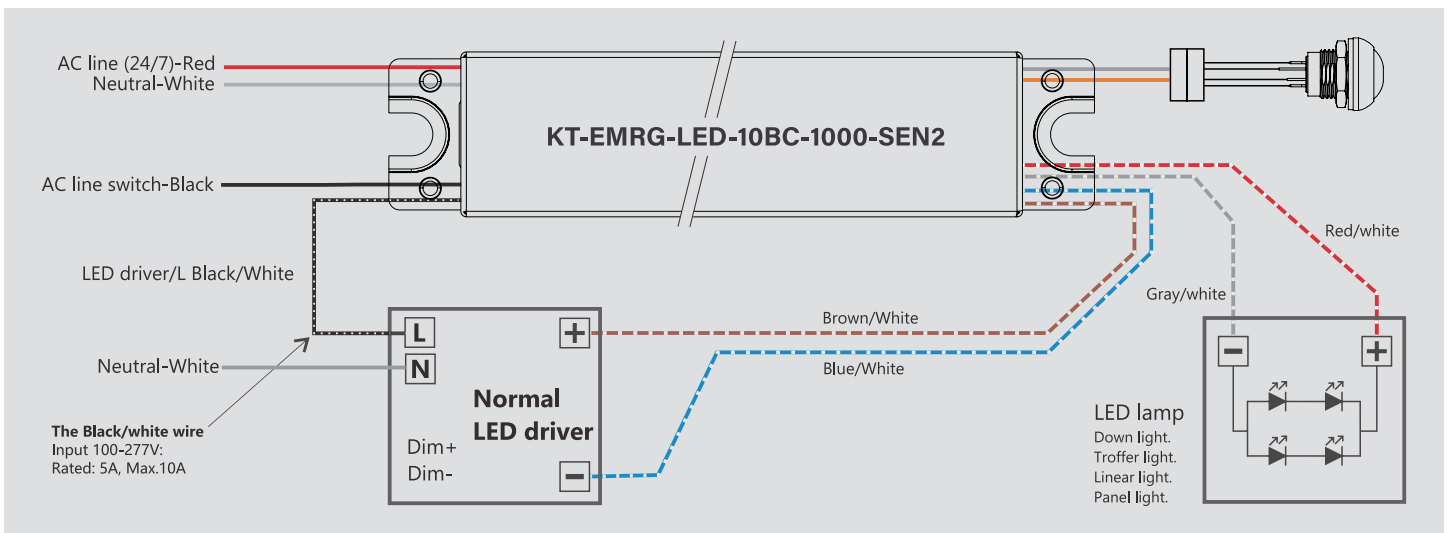
# KT-EMRG-LED-10C-1000-SEN2

CONSTANT WATTAGE LED EMERGENCY BACK-UP

## PHYSICAL SPECIFICATIONS



## WIRING SPECIFICATIONS



## ORDERING INFORMATION

ORDER CODE	DESCRIPTION	PACKAGING STYLE	PACK QUANTITY	ITEM STATUS
KT-EMRG-LED-10C-1000-SEN2	1-Piece LED Emergency Back-up with Standard Side Exit Leads	Individually Packaged	1	Active

## CATALOG NUMBER BREAKDOWN

# KT-EMRG-LED-10BC-1000-SEN2

1 2 3 4 5 6 7 8

- 1 Keystone Technologies
- 2 Emergency Back-up Driver
- 3 LED Driver
- 4 Wattage Family
- 5 Battery Auto Connect
- 6 CEC Compliant
- 7 Nominal Lumen Output
- 8 1-Piece Slim Enclosure