

# KT-EMRG-LED-5-500-K1

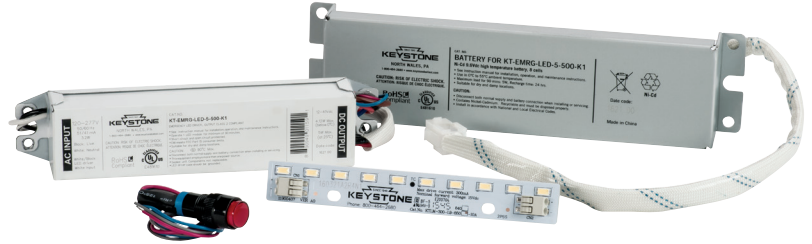
## CONSTANT WATTAGE LED EMERGENCY BACK-UP



### DESCRIPTION

LED Emergency Back-Up Driver Kit | 5W Output | 120-277V Input

|                                                    |
|----------------------------------------------------|
| <b>DRIVER TYPE:</b> Constant Wattage LED Emergency |
| <b>MAX. OUTPUT POWER:</b> 5W                       |
| <b>INPUT VOLTAGE:</b> 120-277Vac $\pm 10\%$        |
| <b>OUTPUT VOLTAGE:</b> 12~41 Vdc                   |
| <b>OUTPUT CURRENT:</b> 400mA-100mA                 |
| <b>WARRANTY:</b> 5 Years                           |



### PRODUCT FEATURES

- Drives Dedicated LED Load (Included) at 5W for a Minimum of 90 Minutes
- Meets FCC Part 15 (Class B) Consumer Limits
- Short Circuit Overload and Open Load Protection
- Type 1 Outdoor, Suitable for Dry and Damp Locations
- Evaluated to UL 924 Standards
- Operating Temperature: 32°F/0°C to 122°F/50°C
- Input Frequency: 50/60 Hz
- Test Switch/ Charging Indicator Light
- Battery Pack with Quick Connect; NiCd
- Battery Capacity: 1200mAh

## SPECIFICATIONS

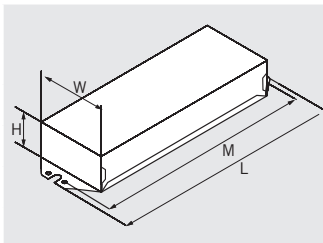
### ELECTRICAL SPECIFICATIONS

| Family | INPUT CHARACTERISTICS |              |              | OUTPUT CHARACTERISTICS |                      |                |
|--------|-----------------------|--------------|--------------|------------------------|----------------------|----------------|
|        | Input Voltage         | Power Factor | Max. Current | Max. Output Power      | Rated Output Current | Output Voltage |
| 5W     | 120-277Vac            | $\geq 0.5$   | 0.03A @ 120V | 5W                     | 400mA-100mA          | 12~41Vdc       |

Emergency pack designed to deliver 5W to a constant current LED load. Approximate output is 500 lumens assuming a nominal minimum efficacy of 100lm/W.

### MECHANICAL SPECIFICATIONS

#### CASE DIMENSIONS



|                      |       |
|----------------------|-------|
| <b>LENGTH</b>        | 6.46" |
| <b>WIDTH</b>         | 1.37" |
| <b>HEIGHT</b>        | 1.00" |
| <b>MOUNTING</b>      | 6.00" |
| <b>CASE STYLE</b>    | L7    |
| <b>CASE MATERIAL</b> | METAL |

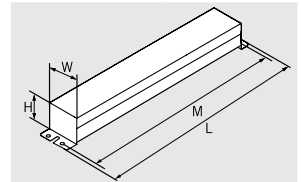
#### STANDARD LEAD LENGTHS\*

|                    |     |
|--------------------|-----|
| <b>WHITE</b>       | 12" |
| <b>BLACK</b>       | 12" |
| <b>WHITE/BLACK</b> | 12" |
| <b>RED</b>         | 24" |
| <b>BLUE</b>        | 24" |
| <b>BROWN</b>       | 24" |

\*Consult Keystone for special lead length requirements.

Lead wires are 18 AWG 105°C/600V.

#### BATTERY SIZE



|                 |       |
|-----------------|-------|
| <b>LENGTH</b>   | 8.10" |
| <b>WIDTH</b>    | 1.97" |
| <b>HEIGHT</b>   | 0.98" |
| <b>MOUNTING</b> | 7.57" |

#### MODULE SPECIFICATIONS

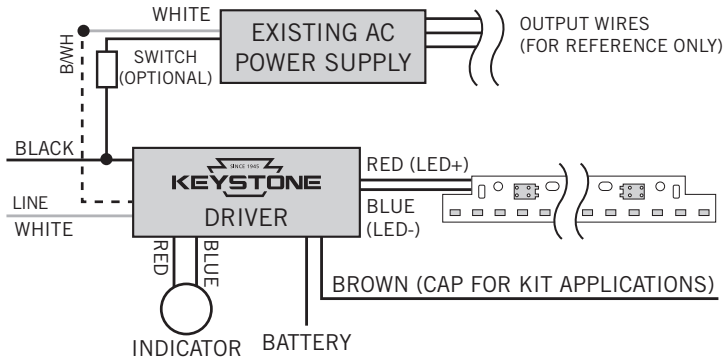
|                       |                        |                          |       |
|-----------------------|------------------------|--------------------------|-------|
| <b>CATALOG NUMBER</b> | KTLN-300-L9-850-10A-CP |                          |       |
| <b>LENGTH</b>         | 5.00"                  | <b>No. of LEDs</b>       | 10    |
| <b>WIDTH</b>          | 0.70"                  | <b>Color Temperature</b> | 5000K |

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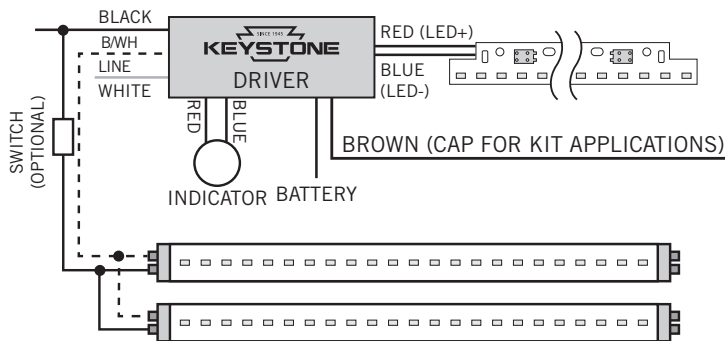
## CONSTANT WATTAGE LED EMERGENCY BACK-UP

### WIRING DIAGRAMS

#### 1. KIT WIRING DIAGRAM WITH EXISTING POWER SUPPLY



#### 2. KIT WIRING DIAGRAM WITH DIRECT DRIVE LED TUBE FIXTURE



### ORDERING INFORMATION

| ORDER CODE              | DESCRIPTION                                                              | PACKAGING STYLE       | PACK QTY. | ITEM STATUS |
|-------------------------|--------------------------------------------------------------------------|-----------------------|-----------|-------------|
| KT-EMRG-LED-5-500-K1-IP | LED Emergency Driver Kit with Battery and 0.7" x 6" 500 lumen LED Module | Individually Packaged | 1         | Active      |

### CATALOG NUMBER BREAKDOWN

# KT-EMRG-LED-5-500-K1



# KT-EMRG-LED-5-500-K1

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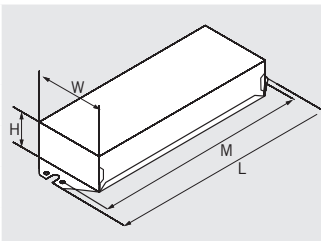
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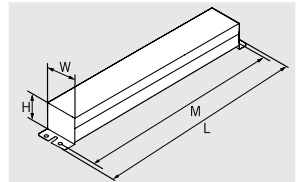
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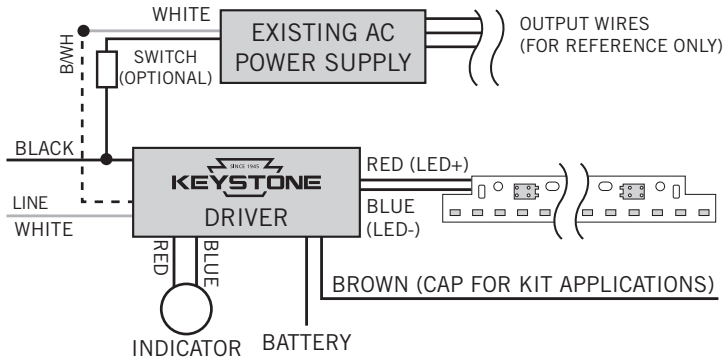
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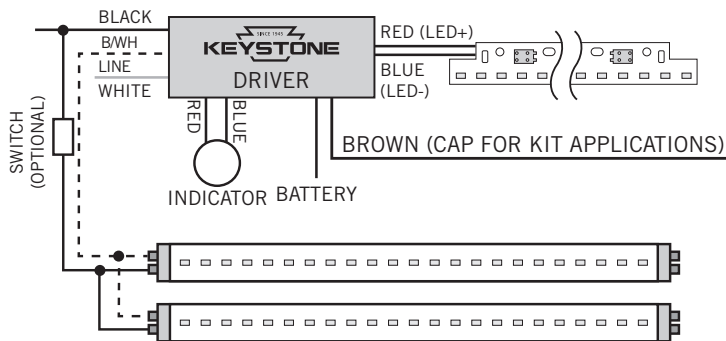
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