



SMART//SAFE
LED EMERGENCY BACK-UP

KT-EMRG-LED-4C-400-EN2

CONSTANT WATTAGE LED EMERGENCY BACK-UP

DESCRIPTION

LED Emergency Back-Up Driver | Standard Side Exit Wire Leads | 4W Output



DRIVER TYPE: Constant Wattage LED Emergency

MAX. OUTPUT POWER: 4W

INPUT VOLTAGE: 120–277Vac $\pm 10\%$

OUTPUT VOLTAGE: 12~55 Vdc

OUTPUT CURRENT: 73–333 mA

WARRANTY: 5 Years



ELECTRICAL SPECIFICATIONS

Input Voltage Range	120–277Vac $\pm 10\%$
Frequency	50/60Hz
Power Factor	> 0.5 under 120~277Vac input
Inrush Current	< 5A
Max input Current	50mA @ 120V
Output Voltage Range	12–55 Vdc Class 2 compliant
Output Current Range	73–333mA
Output Power	4W
Protection	- 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. - 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. - Short Circuit Protection: Hiccup mode. Protection will trigger when short circuit and will auto recover after the fault mode is removed. - Over Temperature Protection: Protection will trigger when driver overheats and auto-recovery when cooled down.
Emergency Operation	90 minutes
Battery	High-temperature, maintenance-free, LiFePO ₄ battery, 6.4Vdc, 2 cell
Recharge Time	24 hours
Battery Charging Current	200mA

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0°C/32°F to 60°C/140°F
Storage Temperature	0 to 60°C/140°F
Life Rating	50,000 hrs
Maximum Case Temperature	75°C / 167°F

SAFETY AND EMC COMPLIANCE

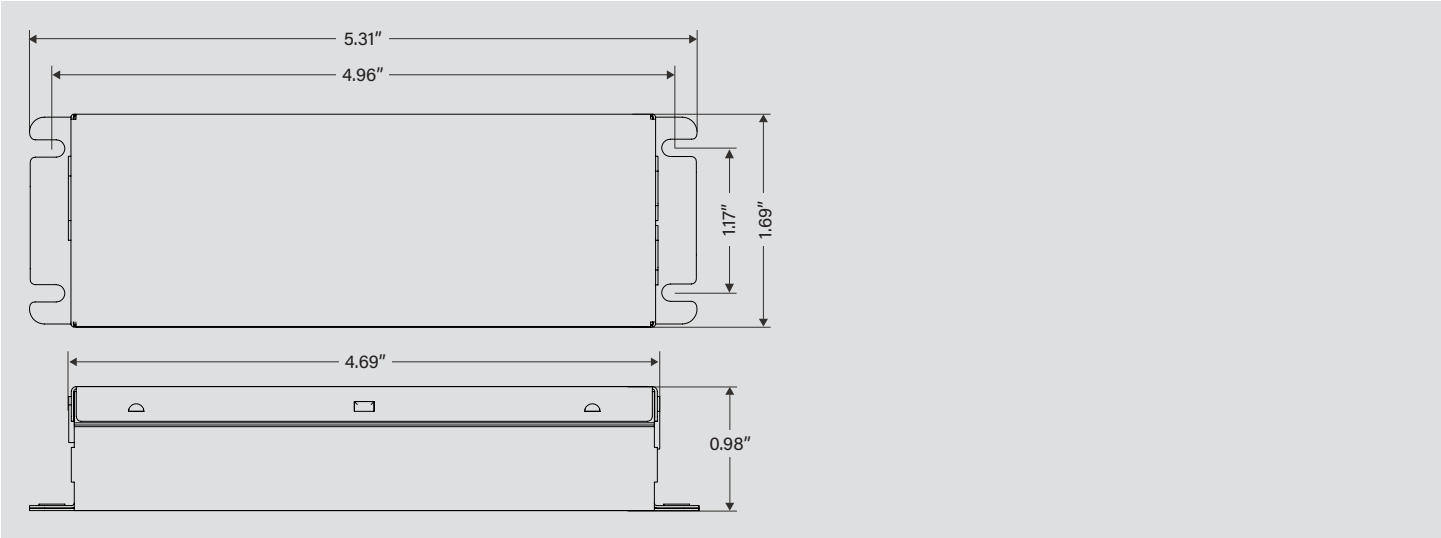
UL/cUL	UL 924
FCC, 47CFR Part 15	ANSI C63.4:2009 Class B (Consumer Limit)
EN61000-3-2	Harmonic Current Emissions Class C



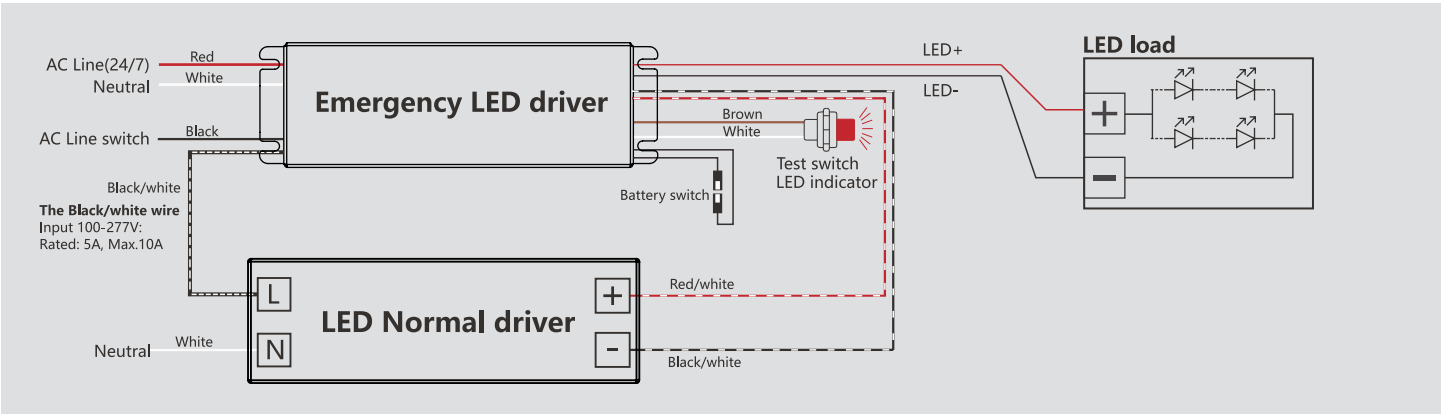
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PHYSICAL SPECIFICATIONS



WIRING SPECIFICATIONS



Note: Wire colors are not final

ORDERING INFORMATION

ORDER CODE	DESCRIPTION	CARTON QUANTITY	EASY CODE	UPC
KT-EMRG-LED-4C-400-EN2	1-Piece LED Emergency Back-up with Standard Side Exit Leads	30	ECU-15	843654162379

CATALOG NUMBER BREAKDOWN

KT-EMRG-LED-4C-400-EN2

- 1
- 2
- 3
- 4
- 5
- 6
- 7

- 1 Keystone Technologies
- 2 Emergency Back-up Driver
- 3 LED Driver
- 4 Wattage Family
- 5 Nominal Lumen Output
- 6 1-Piece Enclosure
- 7 Case Size Designation