KT-EMRG-LED-12-1200-K1
CONSTANT WATTAGE LED EMERGENCY BACK-UP

KEYSTONE SINCE 1945

UL LISTED c us | RoHS Compliant | 5 YEAR WARRANTY

DESCRIPTION

LED Emergency Back-Up Driver Kit **I** 12W Output **I** 120–277V Input

DRIVER TYPE: Constant Wattage LED Emergency	
MAX. OUTPUT POWER: 12W	
INPUT VOLTAGE: 120–277Vac ±10%	
OUTPUT VOLTAGE: 12~41Vdc	
OUTPUT CURRENT: 1000–200mA	
WARRANTY: 5 Years	

PRODUCT FEATURES

- Drives dedicated LED load (included) at 12W for a minimum of 90 minutes
- Meets FCC Part 15 (Class B) consumer limits
- Short circuit overload and open load protection
- Suitable for dry and damp locations
- Evaluated to UL 924 standards

- Operating temperature: 0ºC/32ºF to 50ºC/122ºF
- Input frequency: 50/60 Hz
- Test switch/Charging indicator light
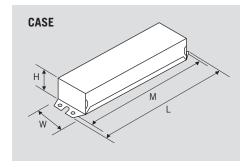- Battery pack with quick connect: NiCd
- Battery capacity: 3000mAh

Emergency Pack does not meet CEC T20 requirements. Not to be sold or offered for sale in California, except when sold wholesale in California for final retail sale outside the state.

ELECTRICAL SPECIFICATIONS

	INPUT CHARACTERISTICS			OUTPUT CHARACTERISTICS		
Family	**Input Voltage**	**Power Factor**	**Max. Current**	**Max. Output Power**	**Rated Output Current**	**Output Voltage**
12W	120–277Vac	≥0.5	0.07A @ 120V	12W	1000mA–200mA	12~41Vdc

Emergency pack designed to deliver 12W to a constant current LED load. Approximate output is 1200 lumens, assuming a nominal minimum efficacy of 100 lm/W.
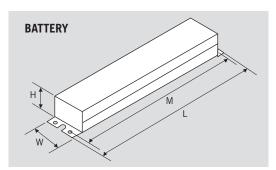
MECHANICAL SPECIFICATIONS

CASE

CASE DIMENSIONS

L (Length)	6.46"
W (Width)	1.37"
H (Height)	1.00"
M (Mounting)	6.00"

Case Style: L7
Case Material: Metal

BATTERY

BATTERY DIMENSIONS

L (Length)	9.45"
W (Width)	2.23"
H (Height)	1.02"
M (Mounting)	8.91"

MODULE SPECIFICATIONS

Catalog Number: KTLM-240-L8-850-24A

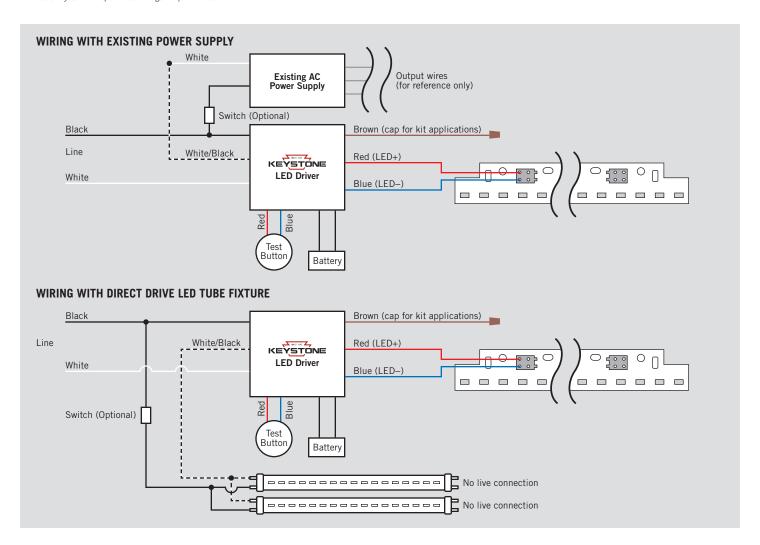|	
Length	8.00"
Width	0.70"
Number of LEDs	24
Color Temperature	5000K

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KIT WIRING SPECIFICATIONS

STANDARD LEAD LENGTHS*

Input	Black, White, White/Black: 12" #18AWG
Output	Red, Blue: 24" #18AWG
	Brown: 24" #20AWG
Test Button	Red, Blue: 24" #22AWG

* Consult Keystone for special lead length requirements.

WIRING WITH EXISTING POWER SUPPLY

White
Existing AC Power Supply
Output wires (for reference only)
Switch (Optional)
Black
Brown (cap for kit applications)
Line
Red (LED+)
White/Black
KEYSTONE LED Driver
Blue (LED−)
White
Red
Blue
Test Button
Battery

WIRING WITH DIRECT DRIVE LED TUBE FIXTURE

Black
Brown (cap for kit applications)
Line
Red (LED+)
White/Black
KEYSTONE LED Driver
White
Blue (LED−)
Switch (Optional)
Red
Blue
Test Button
Battery
No live connection
No live connection

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ORDERING INFORMATION

ORDER CODE	DESCRIPTION	PACKAGING STYLE	PACK QUANTITY	ITEM STATUS
KT-EMRG-LED-12-1200-K1-IP	LED Emergency Driver with Battery and 0.7" × 8" 1200 lumen LED Module	Individually Packaged	1	Active

CATALOG NUMBER BREAKDOWN

KT-EMRG-LED-12-1200-K1-IP

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 Kit
7 Packaging Style