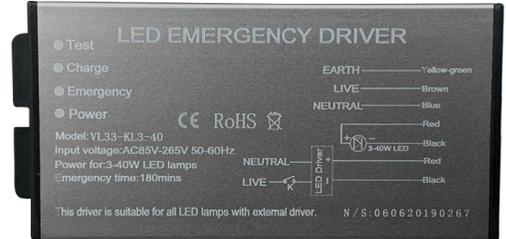


LED EMERGENCY DRIVER DATASHEET

VL33-KL3-40

1. Product Features

- Suitable for 3W-40W LED lamps.
- IP30 protection level.
- Applicable to LED with external driver.
- Voltage protection: wide voltage input AC 85V-265V.
- Short circuit protection and no loading protection.
- Test button and three-color LED indicator.
- Battery: lithium ion battery with overcharge and over discharge protection.
- The patented control circuit is used in emergency driver, which makes it faster in conversion and a high efficiency of inversion.
- Certification: CE, RoHS



2. Battery

- High temperature resistant batteries
- Built-in a 3.7V 2200mAh 18650 Li-ion battery

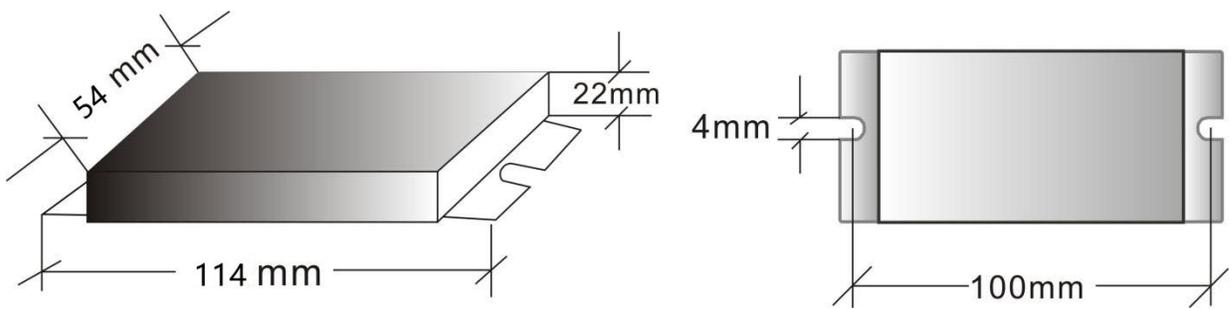
Product Item	FAT-LED-F1C
Light Source Type	LED with external LED driver
Output Voltage	DC 20-160V
Input Power	3W-40W
Emergency Time	120 minutes
N.W. / G.W.	16 KGS/CTN; 17.8 KGS/CTN
Package	1 PCS/BOX ; 100 BOXES/ CTN

3. Ordering Information

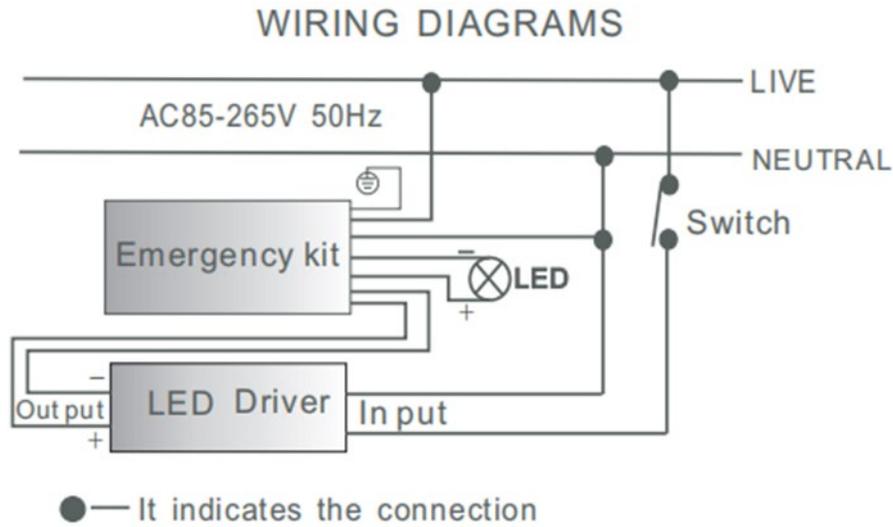
4. Electrical Parameters

Product Item	FAT-LED-F1C
Input Voltage	AC 85-265V
Emergency Output Voltage/Current	DC 20-120V, 0.18A-0.01A
Rated Frequency	50/60 Hz
Power Factor	≥0.95 (≥75%load)
Input Power	3W-40W
Conversion Efficiency	≥90%
Battery	3.7V 2200mAh
Battery Type	Li-ion
Conversion Time	≤ 0.05S
Charging Time	≤ 24h
Emergency Time	120 minutes
Emergency Power	2-4W

5. Appearance Size (Unit: mm)



6. Installation Wiring



1. Technical Term:

- AC Power Status---working status of LED lamp and emergency driver when AC power is OK.
- Emergency Status---working status of LED lamp and emergency driver when AC power fails.
- Changing time to emergency---time needed for emergency driver to supply power when AC power is off.

Meaning of the indicator color:

Green-main power status; Blue-emergency status; Red-charging status

8. Main Features:

Working voltage	AC 85V-265V	Battery	3.7V Li-ion 2200mAh	IP rank	IP30
Changing time of emergency	≤ 2s	AC fuse	1A 250V	Luminous flux	≥ 100LM
Output power while emergency	3-40W	DC fuse	5A 250V	Type of lamp	LED Lamp

Emergency time	120 minutes	Working temperature	-5°C-45°C	Dimension	114x54x22 mm
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9.Package, shipping and storage

- (1) Quantity and specification, please find the signs on packing;
- (2) Check if there are any broken emergency drivers in the carton, and please do not use any broken ones or out-of-shaped ones, found any, DO NOT use them.
- (3) If the emergency driver is not used for over 3 months, it should be connected to AC power for full charging and discharging (after charging the battery for 24 hours, then discharge the battery until LED lamp is completely OFF. Then keep the emergency driver work with AC power for 24 hours and put it in dry ventilated places.

Strong Reminder: If you are not professional technician, for your safety, DO NOT operate this device, DO NOT open this device.

Waring: don't open this device without professional instruction if you are not a professional technician. Otherwise, we will not assume any responsibility.