

ELMARK[®]

The Brand of Electricity

EMERGENCY DRIVER FOR LAMP

WITH INTERNAL IC DRIVERS



The housing of this emergency driver adopts good-quality steel models with powder coating. It has low weight and being convenient to install, so you can rest assure its safety. It mainly includes housing, PCB and battery etc. Its battery adopts Li-ion battery with long lifespan. Its PCB adopts automatic SMT technology, uses IC control design in charging/discharging and power supply part. PCB uses fully automatic SMT technology, PCB core use 3525 IC chips which is especially for emergency lights and Li-ion battery protections. PCB circuit has the complete protection for over charging/discharging, output Short Circuit, Open Circuit, input/output reverse connection.

[OPERATED PRINCIPLE »](#)

The emergency driver is being charged when AC power works, when fully charged, the circuit will protect the battery from over being-charged, and the emergency is standing by as soon as the battery is fully charged. When AC power is down, emergency driver supplies power to LED fixtures and they up light to the way to escape.

TECHNICAL DATA »

- ∴ Input voltage: 85-265V AC
- ∴ Battery: 11.1V 2600mAh
- ∴ Emergency switch time: <2s
- ∴ Suitable: for LED lamp with internal driver and power 3-20W
- ∴ Emergency time: 60-180min
- ∴ Working temperature: from -10 to +50°C
- ∴ Size: 248x40x28mm
- ∴ IP 30

RECOMMENDED:

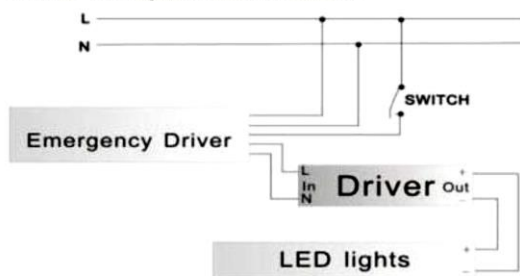
For all LED tubes and bulbs with external IC driver and power from 3-20W

PRODUCT DETAILS »

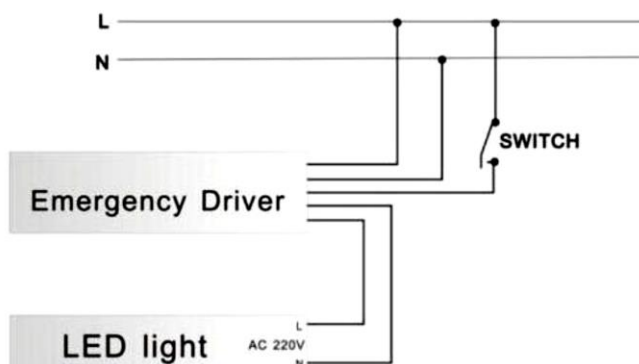
| Catalogue number | Working voltage | Charging time | Emergency time | Emergency switch time |
|------------------|-----------------|---------------|----------------|-----------------------|
| 89231 | 85-265V AC | 24h | 60-180min | <2s |

WIRING DIAGRAM»

a. for the LED light with external drivers.



b. for the LED light with internal drivers.



[ADDITIONAL INFORMATION »](#)

| Catalogue number | Barcodes | Packing/Box (pcs) |
|------------------|---------------|-------------------|
| 89231 | 3800131229793 | 1/50 |

