



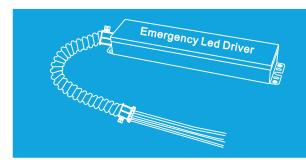








**LED Emergency Driver Ballast and Battery Backup Power Kit** 



Website:https://www.szkvd.com



## About Us

Shenzhen KVD Technology is a integrated factory of R&D,

Production and sales LED Emergency Battery Backup and drivers conversion kit. The company is located in Shenzhen City of Guangdong Province. At present, the company covers an area of 1000 squares meters with approximately 100 staffs.

### **Factory Building Hall**



### **Factory Frontgate**



**ABOUT US** 



## About Us

Since we began in 2008, KVD's initial focus was on the design and manufacturer of IC components for the lighting industry. The KVD IC accessories for LED lighting gained a lot recognition from domestic factories in China.

In 2010, KVD's product line has expanded to include AC/DC power inverter and battery packs used in industrial, underground garage, hospital and retail store markets. From the circuit board to the completed unit, we at KVD research and design all the things by ourselves.

Our products have been sold to mainland China of LED lighting factories, South America, Europe, Israel, South Africa, East South and Australia markets, and with many big lighting application enterprises at home and abroad to establish a long-term and stable cooperative partnership.



Customers

- Israel
- South Africa
- East South Asia
- Australia

- North America
- South America
- Europe



**ABOUT US** 





13 Years Experience in Led **Emergency Lighting industry** 















2020 year

2021 year



2016 year









2014 year

2015 year



2017 year



2008 year

2013 year

2011 year

2012 year



Be First, Do it right, Work Smart **ABOUT US** 







#### Business Philosophy:

More Value for clients, More profits for enterprise, More benefits for employees.

#### **Enterprise Spirit:**

Teamwork • Innovation • Integrity • Gratitude

#### **Corporate Culture:**

People Orientation, Continuous Improvement, Pragmatic Innovation, Pursuit of Excellence

**ABOUT US** 



## Facility



Wave Soldering Machine



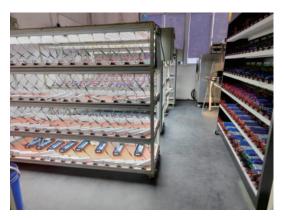
**Chip Mounter Machine** 



Battery welding machine



Battery welding machine



Burn-in Cable Tray







Multi-channel temperature inspector



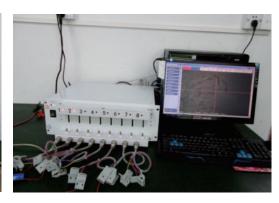
Hi-pot Tester



Power load instrument



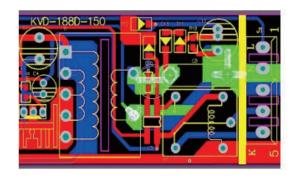
**Power Meter** 



**Battery Grading systems** 



# Production Process















Assembly Line



**Assembly Line** 

Be First, Do it right, Work Smart



## Usage Scenario





**Usage Scenario** 





Emergency Lighting Device has became a indespensable part for any home and public construction.

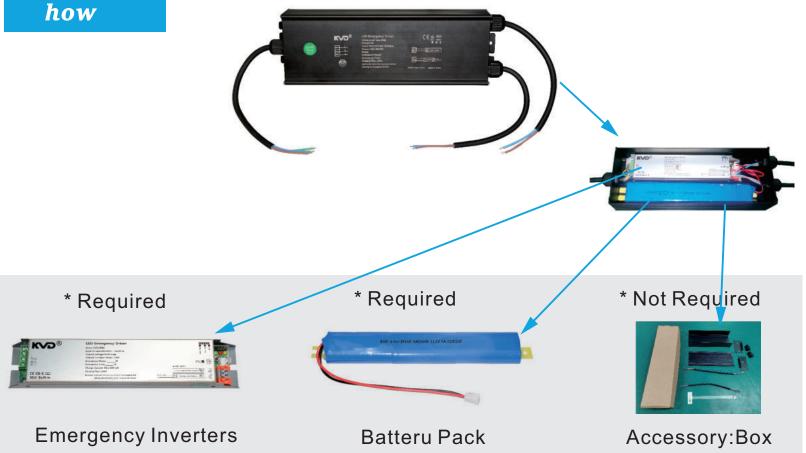


What is Emergency Conversion Kit and how it works:





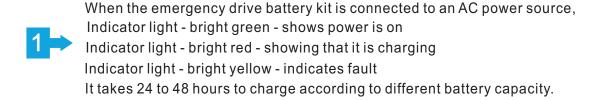
What and how What does the emergency conversion Kit consist of?



What and how



## What and how





The emergency driver will convert battery pack power as the source power of the LED light within 0.1 seconds when the main power is disrupted, converting existing luminaries into emergency ones.



The conversion kit can be adjusted at different emergency power leves and on different emergency duration times, providing a best emergency performance in special condition.



Each emergency ballast and battery backup power kit is needed to work with the existing LED drivers to convert the lighting fixture into an emergency one.



#### Installation

The emergency conversion module can be easily integrated to the normal LED lighting fixtures lamp in energy-saving power or 100% full light power outp

For example, flexible adjustable emergency output power/ emergency backup duration time etc.



100% emergency power



energy-saving power solution



### **Operation Types**

#### **Maintained Wiring**

In a maintained operation the lamp of an emergency luminary stays on constantly at all times and stays lit for the minimum emergency duration after a failure of the main power.

#### Conclusion:

The lamp can light all the time whether the main is present or not.

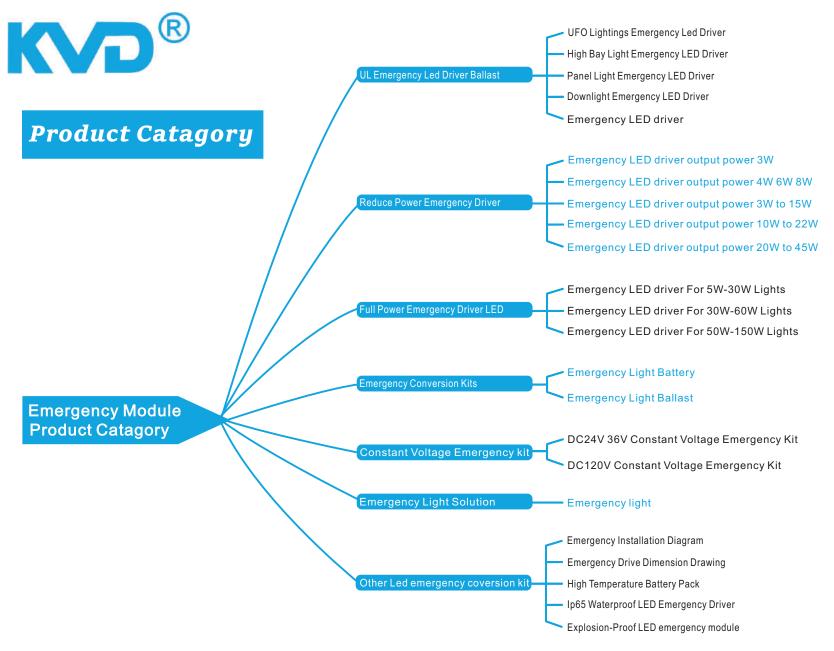
#### Non-Maintained Wiring

In non-maintained operation, the lamp of an emergency luminary will only light in the event of a mains failure and will stay lit for the minimum emergency duration required.

#### Conclusion:

The lamp only lit on when the power off

**Operation Types** 



**Product Catagory** 



## Constant Current Emergency Module

Energy-saving emergency solution mainly used for LED Panel Light, LED Ceiling Light, LED Downlight, and much more...

100% emergency power solution mainly used for LED Tube and LED Bulb.





### Emergency Module Wiht Orter Box Kit

Each emergency ballast/driver with battery backup pack power can be stored into an outer aluminum/ iron box.



Different size battery pack use different box

**Our Products** 



## Other Special Emergency Conversion Kit

**High-Temperature Battery Pack** 













## Our products meet UL,CB,CE standards



















### We have: air, sea, MSDS, UN38.3

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## Good Vision

KVD will continue adopting high level manufacturing methods to create the best quality LED emergency driver and battery backup power kit. Meanwhile, the KVD research and design department will bring more innovative and reliable products to the emergency lighting industry.

We look forward to working with powerful enterprises to bring KVD qualified products to the whole world, and let everyone enjoy a bright future.

KVD emergency conversion kit will not let leave you alone in darkness.



## THANK YOU!

## **KVDTechnology**

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