

Are you still looking for LED Emergency Lighting from China?



Are you still looking for LED emergency lighting from China? Or, are you are still sourcing the LED emergency lighting directly from your LED lighting supplier?

Here we are going to offer you tips on how to source the right LED emergency lighting correctly and wisely.

Many traditional LED lighting companies like to source emergency light from their long-term lighting supplier. However, the truth is that it's most likely that their supplier doesn't produce the emergency module themselves and then get the emergency conversion kit from a different factory.

To start, we'd like to tell you what a LED emergency light consists of. A complete LED emergency lighting system contains 2 parts: the LED lighting and Emergency Conversion Kit.

So what is the emergency conversion kit and what does it include?

The emergency conversion kit includes the emergency driver (different from the LED driver) and the emergency battery backup pack.

It's easy to add the emergency conversion kit to the LED lightings and convert the normal LED light into emergency lighting through correct wiring.

There are many LED light manufacturers who buy their emergency conversion kits from our factory, and some of them profit from the emergency module instead of the LED lighting.

We therefore recommend that you buy your emergency driver and battery pack from us, and send it to your lighting factory where they can assembly it together for you. We also offer assembling services.

1. How to get started with the LED Emergency conversion kit for the lightings?

It may be confusing when you decide to buy a correct LED emergency driver and battery backup kit.

Actually it's very easy to get started.

Send us a picture of your LED light or driver specification and answer 5 sets of questions when sourcing the LED emergency battery pack. We can then select the right emergency solution for your LED fixture.

2. Classification of LED Emergency Modules Produced in China

LED Emergency Conversion Kits made in China mainly have eight categories, and here, we divide them in the following categories based on their **types and features**.

Toy Category	Features	Specification
100% Emergency power	Emergency power is similar to the LED light power	This emergency solution is usually used for LED tube light, because LED tube light has an internal driver inside. The emergency driver has to power the LED driver first and then light up the LED tube, therefore, the emergency power needs to be the same as that of the LED tube power.
Energy-saving emergency Power	Emergency power is under the LED light power	For LED light with an external driver, we usually use energy-saving emergency power solutions. When you light power is 50w, we could add a 12w emergency solution to your light fixture, thus saving on the cost.
Emergency conversion Kit with an Outer	Extra box covering the LED emergency	You need to add an aluminium or iron box container to cover the emergency driver and battery pack when using your emergency module in a special

Box	driver and battery pack	environment. You can then put the LED driver in the box, This is actually safe and convenient to use.
Waterproof Emergency Solution	Emergency conversion kit with a waterproof box	<p>The normal emergency driver and battery pack can easily be added a waterproof box and then converted into a waterproof emergency power solution.</p> <p>You can also fill the aluminium housing with waterproof glue for stronger waterproof function.</p>
Explosive proof emergency Module	Emergency conversion kit with an explosive proof box	If the emergency ballast and battery pack is used in a dangerous environment like gas station, you need to add an explosive proof iron box outside.
High Temperature emergency battery pack	Battery pack can be used in high temperatures	The Li-ion battery, Ni-Cd and Ni-MH battery can be upgraded to a high temperature battery pack which can be used at 0-60°C
Florescent light emergency conversion kit	Emergency module kit for Florescent light project	Not only can the LED light can be added an emergency conversion kit, but also the traditional florescent light can be converted into an emergency

		lighting fixture.
Emergency conversion kit for LED strip light	The emergency invert kit for LED strip	The emergency conversion kit can be set at 12v or 24v constant voltage for the LED strip light.

3. Where to Find LED Emergency Driver Manufacturers and Suppliers in China?

Similar to many other products, the LED emergency driver and battery pack has its origins in China.

There are two major areas which produce the emergency lighting product;

a. Zhongshan, Guangdong Province—World's Capital of LED lighting

If you have a LED lighting industry experience, you must know ZhongShan in Guangdong province. There are many LED lighting factories located in Zhongshan including emergency driver and battery backup kit factories.

The quality of LED lighting in this area varies a lot from one factory to another. Also the product quality from these factories is different. And what's more, they take the price as the priority weapon to defeat other competitors. This way, factories in many ways seek to reduce the cost.

In the LED emergency industry, factories in this area even produce emergency driver with a PCB board which uses the IC component from other digital products while using the battery from other machines. It is normal to use it the first time maybe, but the battery pack can't be charged in full when the emergency conversion kit is used 2-3 times.

b. Shenzhen — where consumer electronic products are mainly produced

Shenzhen is a place where there is a lot of innovation and production of great products. The city represents innovation and quality. It is among the reasons Shenzhen is the place where the LED light product originated.

And not all districts in Shenzhen produce the LED lightings. Bao'an District is the main place where the LED light produced, as well as the LED emergency driver and battery pack.

In Shenzhen, the factories pay more attention to product research and design. The emergency solutions are therefore rich for any LED lighting or usage environment.

4. Problems You May Face When Importing LED Emergency Battery Packs from China

Battery products are usually considered a dangerous product for shipping since low quality batteries may cause explosion fires during the shipping process. So there are a few other issues you may need to confirm with your supplier.

a. Battery Capacity

The battery capacity issue may be the biggest problem you may encounter when purchasing the emergency conversion kit.

Many LED emergency battery power suppliers in China always mark much more capacity on the battery packs than what the battery really contains. In the short term, it makes their product superior than their competitors. However, over time, those who make quality products will emerge.

What's more, you, sometimes, need to pay much more than what it should be yet you won't get the value of your money.

b. Battery Pack Quality

Apart from fake battery capacity problems, the battery itself may have poor quality.

As we mentioned above, the manufacturers in ZhongShan like to adopt used batteries from other products. This kind of battery pack can't be fully charged after your LED emergency driver kit is used for some time.

As a result, your LED emergency lighting project may turn out not to be reliable.

c. Shipping

It is best that if you know a reputable shipping company in China you get in touch with it to successfully ship and deliver the battery pack to you.

You can also add this emergency conversion kit into your LED lighting and ship them together by sea. This also saves a lot of the shipping cost.

Since the LED emergency battery packs are rechargeable as power banks, they are sometimes regarded as dangerous goods by shipping companies especially those with Li-ion battery packs.

However, the Ni-Cd battery and Ni-MH battery is not as sensitive as the Li-ion battery, because Ni battery have a better steady performance and quality.