

5 questions you will be asked when sourcing for the LED emergency battery pack



The LED lighting industry has been booming for years, and subsequently the LED emergency battery pack is an important accessory and has a large demand on the market. Many people want to add an emergency solution for their LED lighting fixtures.

As a shrewd businessman, you don't want to miss out this opportunity of finding a suitable LED emergency battery power for your lighting project.

So how to get started when selecting the right LED emergency battery pack and what things should you discuss with your LED emergency power supplier?

This article will help you know more on what you need and also make your supplier understand you better. They can then provide you the exact emergency solution for your LED lightings.

OK, let us get started.

So what questions you will be asked when you turn to a new supplier of LED emergency battery power.

1. What is the type of the LED lighting fixture?

Suppliers like us need to know what type of LED lighting you would like to add to your emergency module. The most common LED lights are; the LED panel light, LED ceiling light, LED strip light, LED downlight and LED tube.

The LED tube is different from other LED lights, since the LED tube has its driver inside. This means that when one tries to add an emergency conversion kit to the LED tube, we will adopt a 100% full output power emergency solution.

In other words, when in emergency mode, the battery will provide the same output power as the LED light power.

But we use energy-saving emergency solutions for other kinds of LED lighting such as LED downlight, LED ceiling light, LED panel light, as these light has have their driver outside. Our emergency module can connect to the light directly instead of connecting to the light driver.

Here we explain what the energy-saving emergency solution is.

Unlike the 100% output power, energy-saving emergency solution can supply a lower output than the LED light itself. For instance, if your light is 30w output power, we probably will advise you to add our 188B 3.7v with 5W emergency output power. This way, your light will get a longer emergency duration time on a cheaper price on the LED emergency battery backup kit.

100% output power for LED tube in case your light has 18W output power. We will recommend you to add our 188D series which will deliver 18w output power to the LED tube driver and then the driver lights up your light fixture.

So first, you need to tell the LED emergency battery pack supplier your light application type and that you want to add 100% full power solution or energy-saving emergency solution.

2. What is your LED light fixture power?

As I said above, we will decide what emergency solution to add on your LED light. However, we still need to decide what emergency power is the best for you.

If your LED tube light is 18w output, that's simple, we will select an 18 output emergency module for your LED application project.

But if your light is LED downlight with 60W output power, we will suggest you an 18w emergency output power inverter kit.

So your light power is an important factor that needs to be considered when choosing the LED emergency ballast with a battery backup kit.

3. How long emergency time do you want?

Customers usually need 1.5 hours and 3 hours emergency time based on their requirements. We will customize the battery capacity based on your expected light last time.

It is flexible on the battery capacity. Different battery capacities have different emergency time. We are totally capable of customizing the right capacity of LED emergency battery pack power for your lighting project as long as you tell us your specific needs.

4. What is the DC output voltage of your LED driver?

We will calculate the electric current of your LED lamps based on the LED driver DC output, because the DC output can affect the emergency duration time a lot.

There are usually 3.7v, 7.4v and 11.1v DC output on our LED emergency driver. If equipped with same capacity battery, the emergency duration time is also different.

So it is necessary for us to know your lamp's voltage.

If you are only a trader and you don't know the voltage of the light, please send us the picture of the LED driver specification.

5. What is the installation environment and whether you need an outer box or not?

Every LED Emergency ballast and battery backup pack supplier will ask if you need an extra box to cover the emergency driver and battery pack together.

How do you determine if you need it or not? You need to confirm if there is enough space to install the emergency driver and battery backup pack.

Usually, if your LED light is LED Panel light, LED down light, LED Mining Lamp, LED Flood Light, LED Ball steep light and LED strip etc., we will recommend you to add an extra box so that it can be more safe and convenient for you.

What's more, with an extra box, you can also put the LED driver into the box together with the emergency module.

If your lighting fixture is LED tri-proof, LED ceiling light, LED T8 Bracket, there is no need for an extra box container.

Above is all the information you need to know when you are sourcing for the LED emergency battery pack and drivers. You are welcome to leave your questions below in the comments section or contact here. We will get back to you soon.