

# BUYER'S GUIDE

How to choose the Emergency  
Conversion Kit for your  
project?

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Jenny Tan  
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Sanforce Technology Shenzhen Co., Ltd  
[www.sanforce-tech.com](http://www.sanforce-tech.com)

Our endless functionality can come to a sudden halt with a mere breakdown in power supplies. Ever thought of that? From dusk to dawn, we need a continuous supply of electricity to light our work and our lives too! An uninterrupted power supply can boost productivity as well as output. So why compromise when we can get all that we want? Every industrial or commercial set up is increasingly making use for this effective back up plan. It is always better to be cautious than to be sorry. When we have sources and readily available facilities then why not make the most of them?

No company, big or small, macro or micro sized, would risk its working for a mere amount. Just one time installation can last up to a long time. Moreover, it takes away all your worries so you do not have to worry about what would happen if there was no electricity. Or what would happen in case of a fire breakout. How would you rescue employees? How would you ensure safety measures? All the equipment would only prove useful if it was illuminated in the darkness.

An individual can make an industry. Hence, each individual should play his own unique role and be prepared for any hazards that may come his way. One time installation and your life is easy for the upcoming time. Do not fret over the cost because once you get to use it you will surely not regret it. The benefits outweigh the cost. You will definitely be proud of the decision you make because it's according to help you in every possible way. If you are a lighting distributor or a Project Manager of some commercial building, why not diversify your product category so as to provide more options to your valued customer and make as much profit as possible? So let's roll-out; choose our emergency kit to provide more relief to your clients. Our Emergency Conversion Kit is easy to integrate with your standard lighting system, where our Support team will guide you how to wire the Emergency Module with various modern and trendy lighting applications.

You must be familiar with the concept of emergency lighting. Emergency Light Kit is an independent back-up system that requires no hardwiring of cables. Use it with standard lighting system to provide emergency lighting. The kit is equipped with driver, inverter and high temperature battery pack.

With a constant feed, the batteries charge in 24 hours. Thereafter, if main power is disrupted, the batteries kick in with light flicking on in 0.1 second.

The Emergency Light Kit can be configured with different back-up period and different light output levels.

Hence, the question arises: How to choose the best emergency kit for your unique project?

We've provided you with few important tips below before you make your choice.

**1. Please let us know the following:**

What kind of light application are you using - such as LED tube, LED panel, LED down light, CFL or Fluorescent etc. AND the power of luminaries (W). Now, why do you need to tell us the lighting type? Here are few justifications/tips for you:

- a. Each emergency module is customized to fit with your lighting application perfectly.
- b. To check the availability of setting up cheapest emergency solution based on the lighting application.
- c. We have numerous emergency kits and solutions e.g. for LED TUBE, we may provide 2 solutions: if the driver is external, we may set up the emergency power from 5%-100% based on your need; if driver is internal, we have to set up emergency output as 100%.  
For other LED lights, such as LED panel, down light, flood light, ceiling light, we may set up the fitting of whatever type that you want.  
For fluorescent, we may provide 3 types of emergency solutions: One is the power less than T514W/T818W/ PL 14W, emergency output 4-5W; the second is the lamp power below T836W/T528W, emergency output power 5-6W; the last one is the lamp power over T535w/T858W/PL55w upto 70W emergency power 7-8w.

**2. Please let us know your Local Mains Voltage:**

As the Local Mains Voltage is different in each country/region, we need to know whether the setting of our emergency module is suitable/ applicable for the particular lighting fittings that you are using or not.

**3. Please let us know driver's parameters of your light application;**

so that we may look for: if it is possible to set up reduced emergency output for LED panel/LED down light/LED flood light; think of economic solution which can benefit your customers to lower the cost and make big profit and comply with legal regulation at the same time.

**4. Please let us know what emergency power and for how long duration do you need it:**

This kit is easily adjustable and can be installed with any of the lighting, anywhere: in a school, an office, a departmental store, a law chamber, a hospital, a library and even in your own houses! This kit comes in different categories and with different brightness levels. We can easily settle the brightness according to your area and your need. If you think it's just too bright, you can tell us your required brightness that you find appropriate. We make sure that we devise up what is best suited to the needs of the users e.g. since every country have their own legal requirement for emergency power supply and illumination and brightness requirement for various buildings, like there are separate illumination/brightness requirements for an office Vs for a hospital/ school/ community center/ shopping mall etc. Similarly every country have their own legislations for the emergency power and its duration; like in Australia light levels in open area's emergency should minimally be 5% of true emergency light, however in other areas like wards,

operation theaters, it should be 30% of the light (which makes 1-2 hours). British Standard BS5266 recommends a minimum level of only 0.2 in corridors (permanently unobstructed) and 0.5 lux minimum for anti panic areas to exclude 0.5 metre border around the room. (Detailed computer point calculations or luminaire manufacturers spacing tables should be used). For simple installations, hand-calculations based on tabular data can be used to provide an acceptable lighting design and to calculate how illuminated a building ideally should be. More critical or optimized designs now routinely use mathematical modeling on a computer. Knowing all such differences in legislations, being our customers, you don't need to worry at all. You just need to tell us the prevalent regulations regarding emergency power and brightness requirements of your country and sector, we'll take rest of the pain and will serve you with a 'customized solution' with modified lighting system, emergency power and brightness designed exclusively for your organization.

We need efficient power systems round the clock. Whether we are in home or in office, efficient power supplies are always a bonus. This one time purchase would benefit you for much longer than thought. This easy-to-use emergency lighting kit will come in handy at times of utter power crisis. Moreover, you can tell us about the duration you would desire and we set it accordingly.

##### **5. Do you prefer to install the emergency module into light frame OR outside?**

You can tell us whatever your specifications are, and we will come up with solutions best suited to your needs. Let us know if you would want the installation inside or outside. We manage it accordingly then. Many people inquire about the price before getting to know about the product. However, it is always favorable to know about the product first and later on to decide whether or not the product is worth the price.

We can fit the emergency light in to light frames or even outside. This efficient power kit can be integrated with your centrally operated appliances. Moreover, you can also tell us your lamp size, the frame size and we will get back to you with professional suggestions.

Our customer services team is well acquainted with all the aspects of the power lighting industry. We bring to you our best expertise to find the best possible solutions to your problems. We make sure that all your concerns are timely handled and all inquiries are dealt with utmost responsibility. You can contact our team anywhere and anytime to get the best possible response. We promise to deliver what is in the keen interest of our loved customers. Customer satisfaction is our top most priority and we make sure that we leave all our customers contend with our service. You can check different emergency lighting kits and setups from us and decide what best suits your needs.

Installation at home or in office, at a school or at the hospital, we cater the needs of all

people. Do not get confused or feel at a loss of what to do, we will guide you at every single step that shall be taken during and after the installation of the emergency lighting. Take the initiative and save yourself from the unwanted situation of feeling lost. Secure yourself and your family from the unease and difficulties that may result due to a sudden power failure.

Efficient power systems are a must have in today's fast paced world. We need to be well equipped to compete with this ever-growing environment with us. A small loop hole can result in tremendous drawbacks for any business. The government, however, has taken foremost steps for the betterment of the society and installed emergency lighting in the developing infrastructure. The emergency lighting industry is booming with rapid speed. As more and more people come across power failures the adaptation to emergency lighting power kits is increasing. Once you deal with the chaos of a sudden power failure you would dare not to deal with it again. The wrath of confusion and fear it brings along can make any wise individual opt for a backup power plan.

A back up power plan works pretty efficiently and is very easy to operate as well as understand. It is just like your central power supply but one that provides lighting only to a certain limitation. When all else will fail you would still be having a supply of lighting to last up to a wholesome amount of time. This kit would allow you to see your way out, find the safety equipment or to look out for your kids. You can keep your family all safe and sound by this power lighting kit. The basic advantage it offers you is of its unique capacity of providing light in a matter of seconds. You would not have to wait for hours or work on the kit for it to make it work. It works just when the central power system fails. This kit comes to your rescue in critical situations when there is no electricity connection whatsoever.

Keep yourself updated with this ultimate power house and gear yourself up for any hindrance that might come up your way due to power shortages. This amazing kit will enable you to overcome any obstacles that you would surely want to avoid at all costs. So get this useful and efficient power lighting kit and make your life easy. Contact us any time you want and we will provide you with positive information about the back-up power system and our products.