

Product Specification

36W LED PANEL Emergency Module

Product Appearance

1) Inverter with NiCD battery



Product Description

LMO103C036P Emergency Lighting Power Kit is a newly designed type of emergency power supply.

It is tailor-made for low voltage and constant current LED. The emergency power kit includes the inverter, battery pack and the necessary accessories.

The control circuit monitors the mains supply, if the light works as normal; the inverter allows the charger to trickle charge the battery pack in standby mode. In the event of an earthquake, explosion, accident or other emergency which results in the AC power supply to fail, the inverter automatically activates the battery backup system and switches the light on in less than 0.1 second.

The system can be set on an emergency running time of 1 /2/ 3 hours depending on different battery packs to meet the requirements under various conditions.

Range of Application

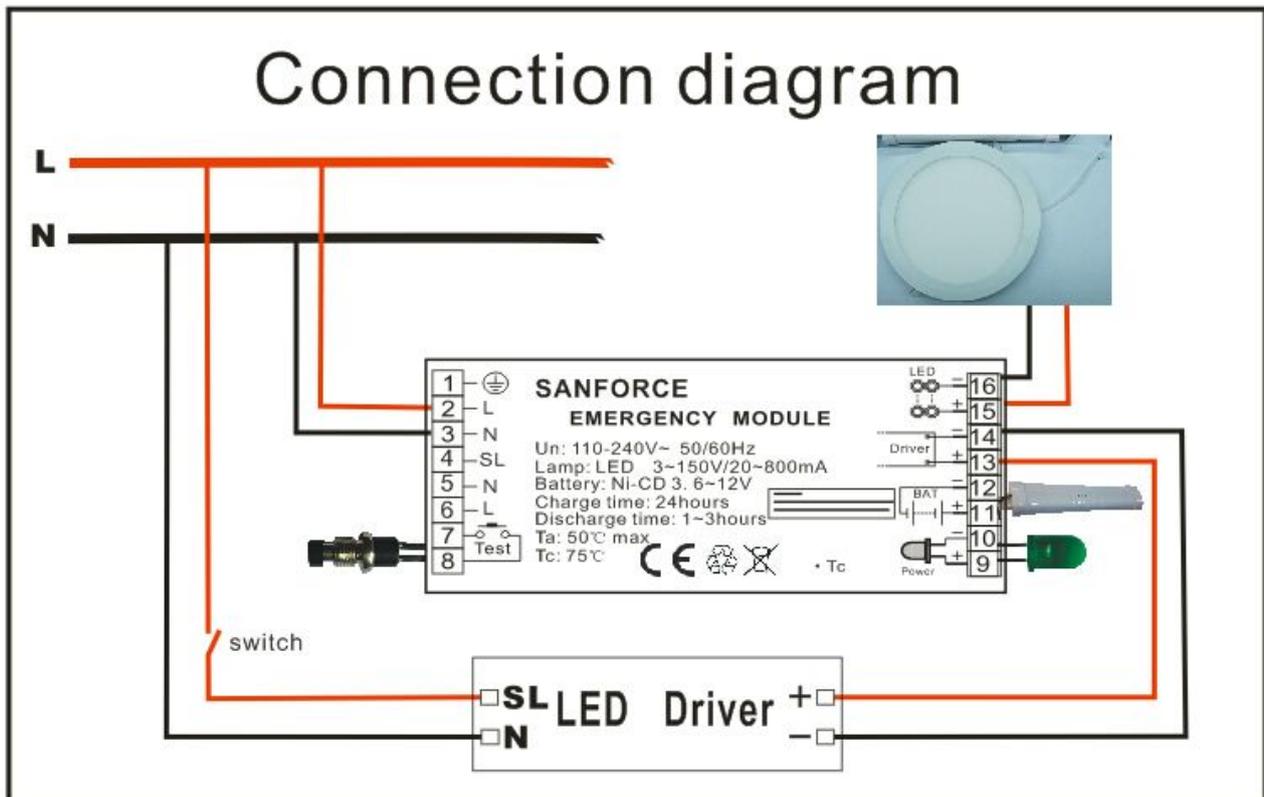
1. Applicable for output with Low voltage and constant current LED
2. Emergency duration is 3 hours.
3. Operates in -25-+70 environment temperature.

Technical Specification

Applicable for lamp power	36W
Applicable for	36W LED
Inner package material	Retardant White Plastic
Charging power	AC110V-AC265V, 50HZ/60HZ;
Emergency time	Longer than 180mins
Emergency power	18W
Emergency Conversion time	0.1sec
Charging time	48h
emergency output current	Around 500mA
Battery size	NI-CD12V6.0AH
Emergency output voltage	DC27-42V
Inverter dimension	155×40×30mm
Metal case dimension	520*125*45mm
Product weight	3200g/set

Installation

Comply with the wiring diagram strictly to connect circuit in other conditions.



Attentions

1. Pay extra attention to the negative and the positive pole of the battery in order to prevent reverse operation, please use designated and matching batteries and ensure all wiring is done correctly and stable before use.
2. If you need to do product testing, unplug the battery pack when the emergency device is disconnected from the mains supply, and then plug in the battery after the emergency device is completely shut down.
3. Comply with the wiring connection circuit diagram completely, prevent from over loading and non loading in the process of use and testing.
4. In order to prolong the battery powered lighting time, all indicator lights are switched off during normal use with the emergency power system in standby mode.
5. The battery is not charged before leaving the factory; please charge the battery longer than 24 hours before use.

6. In general, the battery needs to be fully charged and discharged for around 3- 5 times in order for the Ni-CD/Ni-MH battery to operate at full capacity.

7. It is detrimental for the Ni-CD/Ni-MH battery to lie idle for a long time, especially when it runs dead. Charge the battery completely when it is out of operation for a long time. (The battery cannot lie idle for more than three months)

Service and warranty

1. Packaging Detail: Standard packaging with Export carton or according to requirements.

Delivery Detail: 1-3 working days for samples, 7-15 days for mass production.

2 The warranty period is 2 years or above. According to national standards, a replacement is mandatory after constantly using for 3 years. During the warranty period, it can be replaced with any quality problems (except for man-made factors).

3. Requires professional maintenance after emergency power installation, in case of any abnormal condition happens, please maintenance in time or inform our company to send professionals to provide technical support.