

# Shenzhen Dengfeng Power Supply Co., Ltd

## Product specification

### 1、Emergency Power Supply Box:DF168-30D 30-200W emergency output 30W 180min

Type of lamp:	LED lamp 30-200W	Emergency Pack	DF168-30D
Input :	AC90-280V/50-60HZ	Battery Pack	Li-ion 11.1V 8800mAh
Output:	DC18-80V	Weight:	1 kg
Dimension	230*90*40MM	Packing specification:	Carton size:47*33*13CM; 5 pieces/carton

### 2.Emergency lighting parameters

Emergency power:	30±1W
Charging time:	≥24hours
Duration time:	≥180min
Conversion efficiency	≥80%
Power factor	≥90%
Emergency switching time:	≤1S
Lighting system	continuous
Warranty	2 Years
Temperature range	-10~50°C
Humidity range	65%±20%
Protect level	IP65

### Product picture



### 3.The installation and operation instruction

**L(Brown)**—— Connect Live Wire TL+ LED external driver live wire input. This line can set a wall switch S. Switch line and Live wire must Keep with the phase.The wall switch only controls the main power, no function on emergency lighting.

**N(Blue)**—— Connect the null line N+LED external driver null line input

**E(Yellow)**——Connect the earth wire

**Driver+(Brown)**—— Connect LED driver's output positive

**Driver-(Blue)**——Connect LED driver's output negative

**LED-(Blue)**—— Light source's negative

**LED+(Brown)**—— Light source's positive

### 4.Notes:

1 .This product should be installed by trained electricians. Forbid connecting wires when power is on, make power on after make sure that there is no phenomenon of short circuit and the correction is ok.

2. Main power line: Live wire TL and null line N, connect to main power line directly. no switch can be allowed when emergency lighting. the law forbids the switch control emergency circuit.

3 .The wall switch only controls the main power, no function on emergency lighting. The Switch live wire SL and charging live wire TL should be in the same phase.

4. Green light-main power , Red light-charging , Yellow light-mulfunction; Test: test button

5.Emergency lighting condition,three-color light is all out;

6. Digital circuits, self-test function (monthly inspection, annual inspection), fault or automatic alarm function cause by illegal operation.

7 .You should connect the led lamp and charge the emergency pack before use. In order to avoid emergency lighting function failure.

8 .The environment temperature of Emergency pack ranges from minus ten degrees centigrade to 50 degrees centigrade. High-temperature aging test is forbidden.

9 .Frequently test is prohibited . Each test interval is not less than one minute.

10 .Emergency movement is the core device which controls the battery charge or discharge and start the lighting when under emergency must ensure the wiring is correct. After under normal use, need to discharge once every three months for battery conservation and extend the battery life. Emergency lighting power installed and put into use, need to regularly check, maintain, examine and repair when discover the abnormal condition, or inform the supplier to deal with.

11 .Any problem, contact the manufacturer or supplier pls.

composition : Luo Qiang

Approver: Wang Chunfang

Customer Approver: