

# Product specification

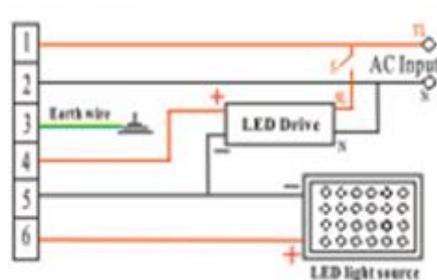
## 1、Emergency Power Supply Box:DF168-30H 36W emergency output 12W 3hrs

<b>Type of lamp:</b>	led Panel lamp 36W	<b>Emergency Pack</b>	168-30H
<b>Input :</b>	AC100-280V/50-60HZ	<b>Battery Pack</b>	Li-ion battery 12V 4400mAh
<b>Output:</b>	DC20-60V	<b>Weight:</b>	1.0 kg
<b>Dimension:</b>	260*60*60mm	<b>Packing specification:</b>	The carton size:47*33*10mm; 8pieces/carton

## 2. Emergency lighting parameters

<b>Emergency power:</b>	10±1W
<b>Charging time:</b>	≥24hours
<b>Duration time:</b>	≥180min
<b>Conversion efficiency</b>	≥80%
<b>Power factor</b>	≥90%
<b>Emergency switching time:</b>	≤ 1S
<b>Lighting system</b>	continuous
<b>The service life</b>	20000hours
<b>Temperature range</b>	-10-+50℃
<b>Humidity range</b>	65%±20%

product picture



## 3.The installation and operation instruction

- 1— Connect LiveWire L+ LED external driver live wire input. This line can set a wall switch S. The wall switch only controls the main power, no function on emergency lighting.
- 2— Connect the neutral line N+LED external driver neutral line input
- 3—Connect the earth wire.
- 4— connect LED driver's output positive
- 5— connect light source's negative +light source external driver's output negative
- 6— light positive

## 4.note:

- 1 .Accordance with writing diagram to connect the circuit in strict,and pay attention to distinguish between the zero line and fire wire.
- 2 .Forbid connecting line when the mains, please wiring by professional electrician. You should cut off the mains then wiring.
3. Main power line: fire line L and zero line N, connect to main power line directly. no switch can be allowed when emergency lighting. the law forbids the switch control emergency circuit.
- 4 .The wall switch only controls the main power, no function on emergency lighting.
- 5 Green light-main power , Red light-charging , Yellow light-mulfunction;
- 6 Emergency lighting condition,three-color light is all out;
- 7 Digital circuits, self-test function (monthly inspection, annual inspection), fault or automatic alarm function cause by illegal operation.

8. Emergency core module is a device which controls the battery charging and discharging, and start lights illumination. Please be sure the wiring is correct before your run our products.

9. In normal use of electricity, it should discharge once every three months for battery conservation, and to extend battery life.

After the emergency lights power installation into use, there should set a special position for regular inspection and maintenance, and be timely maintenance or notify the supplier when abnormal situation was found.