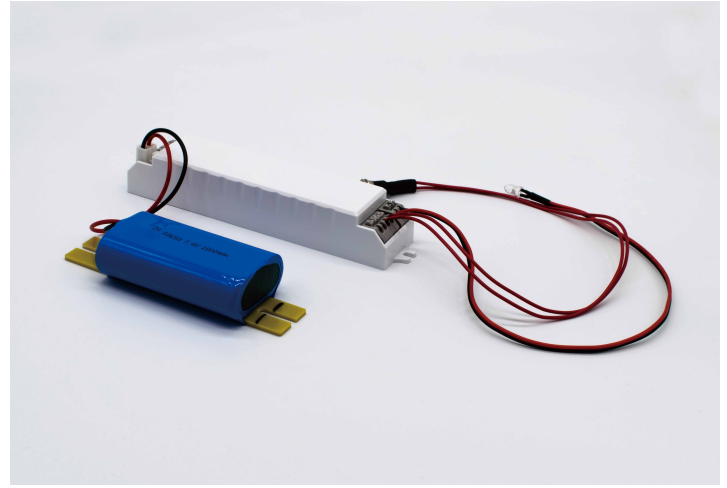


Features

- Constant output power
- Used with lithium battery
- Suits for LED fitting with external LED driver
- Accessary test switch and LED indicator
- Auto Testing - Self Diagnostic Operation
- With multi-protection function:
 - battery overcharge protection;
 - battery over-discharge protection;
 - output overload protection;
 - short-circuit protection



Technical Data

Input voltage	220-240 Vac 50/60Hz
Input Current	0.06A (Max) 230V AC
Power Factor	≥0.5
Battery charging current	200mA (Max)
Battery charging time	24h (Max)
Working temperature	0-60°C
Maximum shell temperature	75°C
Storage temperature	-20-60°C
Electric strength	3000Vac 5mA (input to output)
IP Rating	IP20
Warranty	3 Years

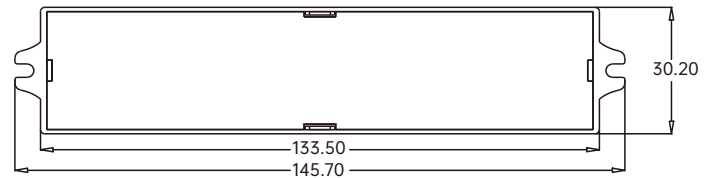
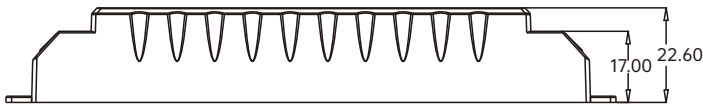
Model Selection table

Model No.	Input voltage	Ouput voltage	Emergency power	Lithium battery	Emergency time	Output current
HE01A-02W180M	220-240Vac 50/60Hz	20-60V DC	2W	1800mAh/7.4V	3Hrs	110-30mA
HE01A-03W180M	220-240Vac 50/60Hz	20-60V DC	3W	2000mAh/7.4V	3Hrs	150-50mA
HE01A-04W180M	220-240Vac 50/60Hz	20-60V DC	4W	2500mAh/7.4V	3Hrs	210-60mA
HE01A-06W180M	220-240Vac 50/60Hz	20-60V DC	6W	3000mAh/7.4V	3Hrs	310-60mA

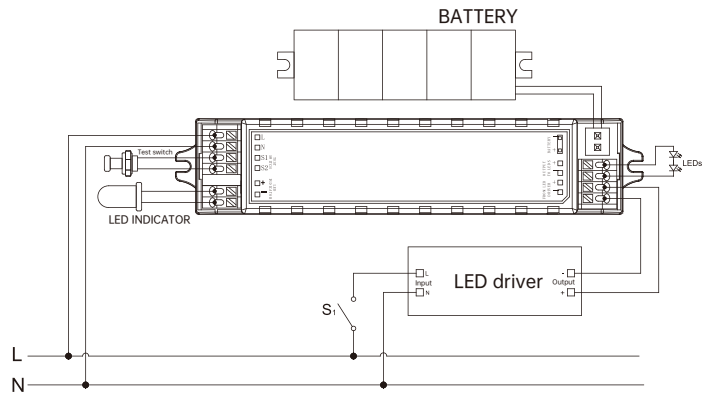
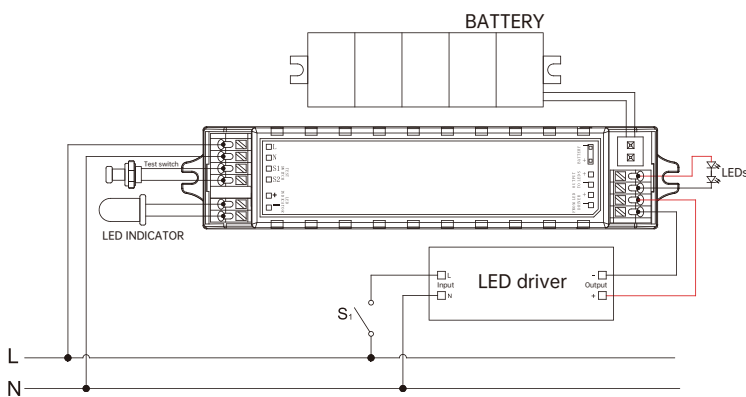
Status LED & Test button

LED Indicator	Green on	keep on represents the battery is charging
		Slow flashing means monthly inspection test
		Quick flashing means annual inspection test
	Red on	Blinking every three seconds indicates the battery is faulty
		Blinking second times every three seconds indicates the LED fixture is faulty
		Blinking three times every three seconds indicates the emergency time test failed
Self-test	Monthly inspection test	Test 18 minutes every month
	Annual inspection test	Test 180 minutes every year
Test button	Press the button one time	Reset the self-test time
	Press the button keep 3 seconds	Automatically switch to self-test mode for five minutes

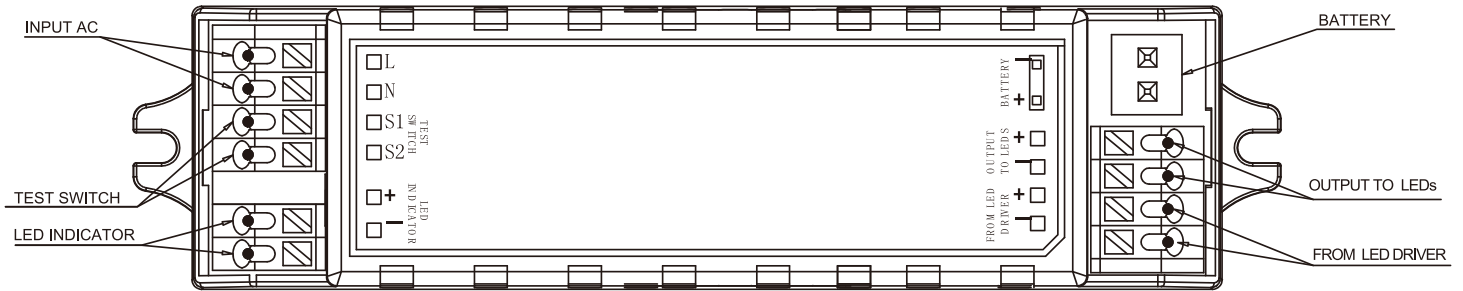
Dimension (Unit: mm)



Wiring Diagram



Mechanical Structure



Operation Instructions

1. Connect the wires according to the wiring diagram.
2. Power on L and N, and close the switch S1. At this time, the load light will turn on, the indicator light of the emergency power supply will turn green, and the emergency power supply is charged normally. Turn off this switch S1, the load light will go out.
3. Simulated emergency: close switch S1, turn on the load light, and then press the switch (TEST SWITCH), then switch to emergency power supply mode, the green light of the emergency power indicator will go out. Then release the switch (TEST SWITCH), at this time it should be switched to external drive power supply, the green light of the emergency power indicator will light up.
4. Power failure and incoming call, the phenomenon should be the same as simulated emergency.

Battery Application Notice

1. The battery should be recharged and discharged semiannually in normal use conditions.
2. Do not connect to the circuit when the battery is not use to prevent over-discharge of the battery due to self-consumption of the circuit board.
3. Please keep the battery from the heat source when installing and using, and only be allowed to use in certain working temperature range.
4. The battery should be stored in a cool and dry environment.
5. After long time storage, the battery is cycled every 6 months as required.