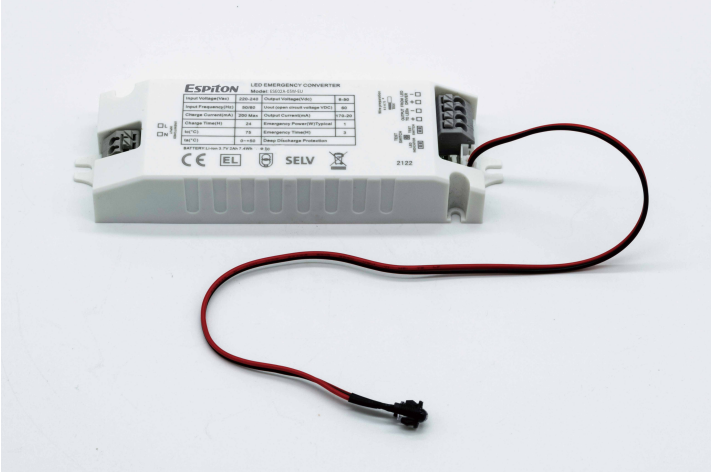
Features

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



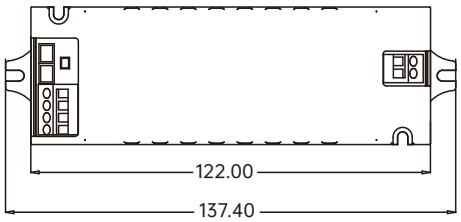
Technical Data

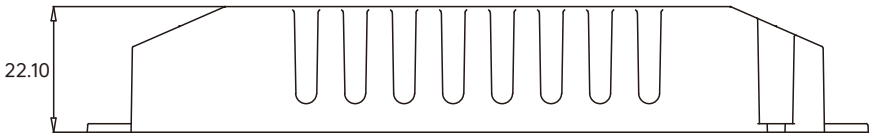
Input voltage	220-240 Vac 50/60Hz
Input Current	0.06A (Max) 230V AC
Input Power	<2W @230Vac
Power Factor	≥0.5
Output voltage range	10-50VDC
Battery charging current	200mA (Max)
Battery charging time	24h (Max)
Emergency Time	3hrs
LED indicator status	Green on:Battery charging or fully charged Green off:Emergency mode
Working temperature	0-60℃
Maximum shell temperature	75℃
Storage temperature	-20-60℃
Electric strength	3000Vac 5mA (input to output)
IP Rating	IP20
Warranty	3 Years

Model Selection table

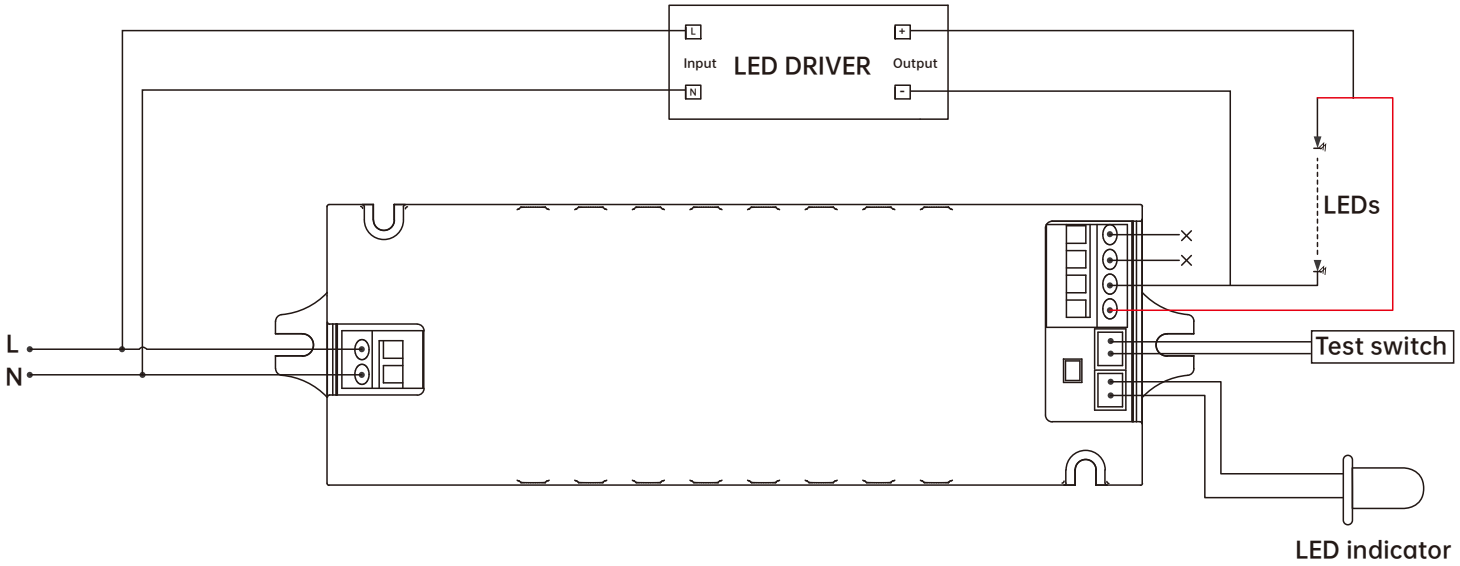
Model No.	Input voltage	Ouput voltage	Output current	Lithium battery	Emergency time	Emergency power
ES-EOE01-01	220-240Vac 50/60Hz	10-50V DC	100-20mA	2000mAh/3.7V	3Hrs	1W
ES-EOE02-01	220-240Vac 50/60Hz	10-50V DC	200-40mA	2500mAh/3.7V	3Hrs	2W
ES-EOE03-01	220-240Vac 50/60Hz	10-50V DC	300-60mA	3000mAh/3.7V	3Hrs	3W

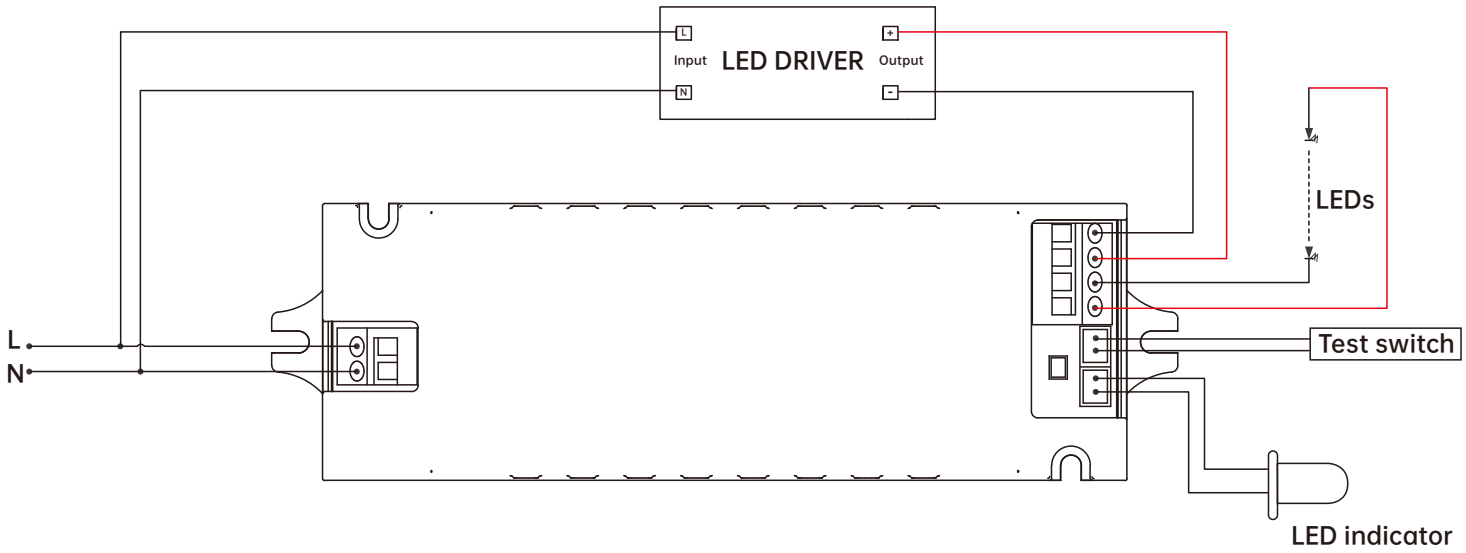
Dimension (Unit: mm)





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-consump tion 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.