

Portable Lithium-ion Battery Safety Manual

Model: LX18650 2200mAh

Compliance: Regulation (EU) 2023/1542, IEC 62133-2, UN 38.3

1. Basic Product Overview

This is a rechargeable portable lithium-ion battery with rated parameters: 3.7 V, 2200mAh, 8.14Wh. Improper operation, misuse or violation of safety rules may cause battery swelling, electrolyte leakage, overheating, fire or explosion. Please strictly follow the safety instructions below.

2. Strict Prohibitions

- Do not disassemble, cut, puncture or crush the battery cell.
- Do not short-circuit the positive and negative terminals; avoid contact with metal objects.
- Do not expose the battery to open flame, high-temperature environments or prolonged direct sunlight.
- Do not immerse the battery in water or any other liquid.
- Do not charge with non-certified or mismatched chargers.
- Do not store the battery together with metal scraps, coins or keys.
- Stop using immediately if the battery swells, leaks, emits peculiar smell or overheats.
- Keep the battery away from infants and children.
- ***Only for dedicated bicycle headlight and safety light. Use for other equipment is forbidden.***

3. Charging Safety Rules

- Only use original matched lamp chargers with EU safety certification;
- Avoid overcharging; disconnect the power supply immediately after the battery is fully charged.
- ***Do not charge bare battery cell separately. The battery shall only be charged after being installed inside matched bicycle lamp, and all safety specifications of this lamp must be strictly observed during use.***

4. Storage Rules

- For long-term storage, maintain battery charge level at 40%–60% and store in a dry environment.
- Charge the battery once every six months for about 30 minutes each time.

5. Emergency Handling

- In case of battery fire: Use a dry powder fire extinguisher and continuously cool the battery with plenty of water.
- In case of electrolyte leakage: Avoid direct skin contact. Rinse the contacted skin

thoroughly with clean water immediately.

- In case of damaged, swollen or defective battery: Stop use immediately, place the battery in a fireproof container, and deliver it to designated official battery recycling points.

6. Disclaimer

Dongguan Lixing Battery Co., Ltd. shall not bear any legal liability for fire, personal injury or property damage caused by user's misuse, improper operation, failure to comply with all safety instructions, or use with unmatched devices. All relevant risks and liabilities shall be borne solely by the end user.