

le-idea IDEA37

le-idea IDEA37 Drone Battery User Manual

Model: IDEA37 | **Brand:** le-idea

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your le-idea 7.4V 2200mAh Li-Po Rechargeable Battery, specifically designed for the IDEA37 drone. Please read this manual thoroughly before using the battery to ensure proper operation and to prevent damage or injury.

2. SAFETY INFORMATION

Lithium Polymer (Li-Po) batteries require careful handling. Failure to follow these safety guidelines can result in fire, personal injury, or property damage.

- **Compatibility:** This battery is exclusively designed for the le-idea IDEA37 drone. Do not attempt to use it with other devices.
- **Charging:** Always use the original or a compatible charger specifically designed for Li-Po batteries. Never leave charging batteries unattended. Charge on a non-flammable surface away from combustible materials.
- **Storage:** Store batteries in a cool, dry place, away from direct sunlight, heat sources, and flammable materials. Do not store fully charged or fully discharged for extended periods.
- **Handling:** Do not puncture, drop, short-circuit, or disassemble the battery. Avoid exposing the battery to water or extreme temperatures. If the battery becomes swollen, damaged, or emits an unusual odor, discontinue use immediately and dispose of it properly.
- **Disposal:** Dispose of Li-Po batteries according to local regulations. Do not dispose of them in household waste.

3. PRODUCT OVERVIEW

3.1. Battery Components

The le-idea IDEA37 drone battery is a compact, rechargeable power source. It features a connector for drone integration and indicators for charge status. The main body is constructed from durable plastic.



Figure 1: le-idea IDEA37 Drone Battery. This image displays the black rectangular battery unit with a multi-pin connector at the top and six white rectangular indicators on its side.

3.2. Specifications

Feature	Detail
Brand	le-idea

Model Number	IDEA37
Battery Type	Lithium Polymer (Li-Po)
Voltage	7.4V
Capacity	2200mAh
Charging Time	Approximately 240 minutes
Operating Time	Approximately 23-26 minutes (with IDEA37 drone)
Dimensions (L x W x H)	8 x 4 x 2.5 cm
Weight	110 Grams
Compatibility	Only le-idea IDEA37 Drone

4. SETUP

4.1. Initial Charging

1. Before first use, fully charge the battery.
2. Connect the battery to the appropriate charger for the IDEA37 drone.
3. Plug the charger into a power outlet.
4. Allow approximately 240 minutes for a full charge. Refer to your drone's manual for specific charging indicator behavior.

5. OPERATING INSTRUCTIONS

5.1. Battery Installation

1. Ensure the drone is powered off before installing or removing the battery.
2. Locate the battery compartment on your IDEA37 drone.
3. Carefully insert the battery into the compartment, ensuring the connector aligns correctly.
4. Gently push the battery until it clicks into place or is securely seated.
5. Close the battery compartment cover (if applicable).

5.2. Battery Removal

1. Ensure the drone is powered off.
2. Open the battery compartment.
3. Press any release tabs or gently pull the battery to remove it from the compartment.

5.3. Usage Guidelines

- Monitor battery levels during drone operation.
- Avoid completely discharging the battery, as this can reduce its lifespan.
- If the drone indicates low battery, land it safely and replace or recharge the battery.

6. MAINTENANCE

6.1. Cleaning

Wipe the battery exterior with a clean, dry cloth. Do not use liquid cleaners or solvents.

6.2. Storage

- For long-term storage, charge the battery to approximately 50-60% capacity.
- Store in a cool, dry environment (ideally between 10°C and 25°C or 50°F and 77°F).
- Avoid storing in extreme heat or cold.

7. TROUBLESHOOTING

- **Battery not charging:**
 - Ensure the charger is properly connected to both the battery and the power outlet.
 - Verify that the charger is functioning correctly.
 - Check for any visible damage to the battery or charger.
- **Short operating time:**
 - Ensure the battery is fully charged before use.
 - Operating time can be affected by flight conditions (e.g., wind, aggressive flying) and drone payload.
 - Battery capacity naturally degrades over time and with repeated charge cycles.
- **Battery swelling or damage:**
 - Immediately discontinue use.
 - Do not attempt to charge or use a swollen or damaged battery.
 - Dispose of the battery safely according to local regulations.

8. WARRANTY AND SUPPORT

le-idea offers a 6-month warranty for this product. If you encounter any issues or have questions regarding your battery, please contact le-idea customer support. Refer to your purchase documentation for contact details.

For further assistance, please visit the official le-idea website or contact their customer service department.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question