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› le-idea 7.4V 1300mAh Rechargeable Li-Po Drone Battery for IDEA23 Drone User Manual

## le-idea IDEA23

# le-idea 7.4V 1300mAh Rechargeable Li-Po Drone Battery for IDEA23 Drone User Manual

**Brand:** le-idea | **Model:** IDEA23

## PRODUCT OVERVIEW

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This manual provides essential information for the safe and efficient use of your le-idea 7.4V 1300mAh Rechargeable Li-Po Drone Battery, designed for the IDEA23 Drone. This battery is constructed from high-quality plastic, ensuring durability, strength, and stability. It includes built-in safeguards against overcharge and short-circuiting for reliable operation.



*Image: le-idea 7.4V 1300mAh Li-Po Drone Battery. This image shows the compact design of the rechargeable battery, typically used for drones.*

## Safety Information

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Please read and understand all safety warnings before using the battery to prevent injury or damage.

- Use only the charger specifically designed for this battery. Using an incompatible charger may cause fire or explosion.
- Do not leave the battery unattended during charging.
- Do not puncture, disassemble, short-circuit, or expose the battery to fire or extreme temperatures.
- Keep the battery away from water and moisture.
- If the battery shows signs of swelling, leakage, or damage, discontinue use immediately and dispose of it properly.
- Keep out of reach of children.

## Setup

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## Charging the Battery

1. Connect the battery to its compatible charger.
2. Plug the charger into a suitable power source.
3. Allow approximately **240 minutes (4 hours)** for a full charge. The charging indicator on your charger will typically show when charging is complete.
4. Once fully charged, disconnect the battery from the charger.

## Installing the Battery

1. Ensure the drone is powered off before installation.
2. Locate the battery compartment on your IDEA23 drone. Refer to your drone's manual for specific instructions if needed.
3. Carefully insert the 7.4V 1300mAh Li-Po battery into the compartment, ensuring the connectors align correctly.
4. Secure the battery compartment cover.

## OPERATING INSTRUCTIONS

Once the battery is fully charged and correctly installed in your IDEA23 drone, you can power on the drone and begin operation. A fully charged battery provides approximately **18 minutes of flight time**. Monitor your drone's battery indicator during flight to ensure safe landing before the battery is depleted.

## MAINTENANCE

- **Storage:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to store Li-Po batteries at a storage charge (around 3.8V per cell), not fully charged or fully discharged.
- **Cleaning:** If the battery or its connectors become dirty, gently wipe them with a clean, dry cloth. Do not use liquids or solvents.
- **Disposal:** Dispose of used or damaged Li-Po batteries responsibly according to local regulations. Do not dispose of them in household waste.

## TROUBLESHOOTING

| Problem              | Possible Cause                                                                 | Solution                                                                                                                                                                         |
|----------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery not charging | Charger not connected properly; faulty charger or battery; power outlet issue. | Ensure all connections are secure. Try a different power outlet. Test with another compatible charger if available. If the issue persists, the battery or charger may be faulty. |
| Short flight time    | Battery not fully charged; battery degradation; drone power consumption.       | Ensure the battery is charged for the full 240 minutes. Over time, Li-Po batteries naturally degrade; consider replacing if significantly reduced.                               |

| Problem                     | Possible Cause                                       | Solution                                                                                                                                                                   |
|-----------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery swelling or leaking | Overcharging; physical damage; manufacturing defect. | <b>Immediately discontinue use.</b> This indicates a serious safety hazard. Dispose of the battery safely according to local regulations. Do not attempt to charge or use. |

## SPECIFICATIONS

|                        |                                   |
|------------------------|-----------------------------------|
| Brand                  | le-idea                           |
| Model Name             | IDEA23                            |
| Battery Type           | Lithium-ion (Li-Po)               |
| Voltage                | 7.4 Volts                         |
| Capacity               | 1300 mAh                          |
| Recommended Use        | Drone (specifically IDEA23 Drone) |
| Charging Time          | Approximately 240 minutes         |
| Operating Time         | Approximately 18 minutes          |
| Dimensions (L x W x H) | 8 x 3 x 2 centimeters             |
| Weight                 | 80 Grams                          |

## WARRANTY AND SUPPORT

This le-idea battery comes with a **6-month worry-free warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable performance under normal use. For any questions, technical assistance, or warranty claims, please contact le-idea customer support. Refer to your purchase documentation or the official le-idea website for specific contact details.