

Fytoo 7.4V 1500mah Lithium Battery

Fytoo 7.4V 1500mAh Lithium Polymer Battery Instruction Manual

For WLTOYS V913, L959, WL912 Remote Control Models

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Fytoo 7.4V 1500mAh Lithium Polymer (LiPo) battery. This battery is designed for use with various remote control models, including the WLTOYS V913 helicopter, L959 high-speed car, and WL912 boat. Please read this manual thoroughly before using the battery to ensure proper operation and to prevent damage or injury.

2. SAFETY INFORMATION

Lithium Polymer batteries require careful handling. Failure to follow these safety guidelines can result in fire, personal injury, and property damage.

- **Charging:** Always use a LiPo compatible charger. Never charge unattended. Do not charge batteries that are swollen, damaged, or punctured. Charge on a non-flammable surface away from combustible materials.
- **Storage:** Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures. Store at approximately 3.8V per cell (storage charge). Do not store fully charged or fully discharged for extended periods.
- **Usage:** Do not over-discharge the battery below 3.0V per cell. Avoid short-circuiting the battery terminals. Do not expose to water or moisture. If the battery becomes hot during use, discontinue use immediately.
- **Damage:** If the battery is damaged, swollen, or leaking, discontinue use immediately and dispose of it properly. Do not attempt to repair damaged batteries.
- **Disposal:** Dispose of LiPo batteries according to local regulations. Never dispose of LiPo batteries in household waste or by incineration.

3. PRODUCT OVERVIEW

The Fytoo 7.4V 1500mAh Lithium Polymer battery is designed to provide reliable power for your remote control devices. It features a built-in protection mechanism for safe charging and use, ensuring extended flight or run times.



Battery voltage: 7.4V
Battery configuration: 2S
Battery capacity: 1500mAh
Discharge rate: 25C
Battery weight: 84g/1PCS
Battery size: length 2.8 (in) X width 1.33 (in) X thickness 0.75 (in)
Discharge connector: JST-2P plug
Charging interface: XH-3P plug
Battery Chemistry: Lithium Polymer

Image 1: Fytoo 7.4V 1500mAh Lithium Polymer battery showing its dimensions (71mm length, 34mm width, 19mm thickness), charging port (XH-3P), and discharge port (JST-2P). The image also indicates compatibility with RC helicopters, cars, and boats.

Key Features:

- **Voltage:** 7.4V (2S configuration)
- **Capacity:** 1500mAh
- **Chemistry:** Lithium Polymer
- **Discharge Rate:** 25C
- **Connectors:** JST-2P (Discharge), XH-3P (Charging)
- **Protection:** Built-in mechanism for safe charging and use.
- **Compatibility:** WLTOYS V913 RC Helicopter, L959 High-Speed RC Car, WL912 RC Boat.

4. SETUP

Before first use, inspect the battery for any signs of damage, such as swelling, punctures, or frayed wires. Do not use a

damaged battery.

1. **Initial Charge:** Fully charge the battery using a compatible LiPo charger before its first use. Refer to the charger's instructions for proper charging procedures.
2. **Connecting to Device:** Carefully connect the battery's JST-2P discharge plug to the corresponding port on your remote control model (e.g., WLTOYS V913, L959, WL912). Ensure the connection is secure and correctly oriented to avoid short circuits.
3. **Battery Placement:** Place the battery securely within the designated battery compartment of your RC model. Ensure it does not shift during operation and that no wires are pinched.

5. OPERATING INSTRUCTIONS

5.1. Charging the Battery

Always follow the instructions provided with your LiPo charger. The Fytoo 7.4V 1500mAh battery uses an XH-3P balance charging port.

- Connect the XH-3P balance plug of the battery to the balance port on your LiPo charger.
- Connect the main discharge plug (JST-2P) to the main charging output of your charger, if required by your charger model.
- Set your charger to the correct LiPo charging mode (7.4V or 2S) and a charge current not exceeding 1.5A (1C rate for a 1500mAh battery).
- Monitor the charging process. Disconnect the battery once fully charged. Never leave charging batteries unattended.

5.2. Using the Battery

Once charged, connect the battery to your RC model as described in the Setup section. Operate your model as per its own instruction manual. Monitor battery performance during use.

- Avoid over-discharging the battery. Most RC models have low voltage cut-offs, but it is best to stop operation when you notice a significant drop in power.
- If the battery becomes excessively hot during use, immediately stop operation and allow it to cool down before handling.

6. MAINTENANCE AND STORAGE

Proper maintenance and storage extend the lifespan of your LiPo battery.

- **Cleaning:** Keep battery terminals and connectors clean and free of debris. Use a dry cloth to wipe the battery exterior.
- **Storage Charge:** For long-term storage (more than a few days), discharge or charge the battery to its storage voltage (approximately 3.8V per cell, or 7.6V for a 2S battery).
- **Storage Environment:** Store the battery in a cool, dry place, ideally between 5°C and 25°C (41°F and 77°F). Avoid direct sunlight, high humidity, and extreme temperatures.
- **Physical Protection:** Store batteries in a fire-resistant LiPo bag or container to minimize risks.

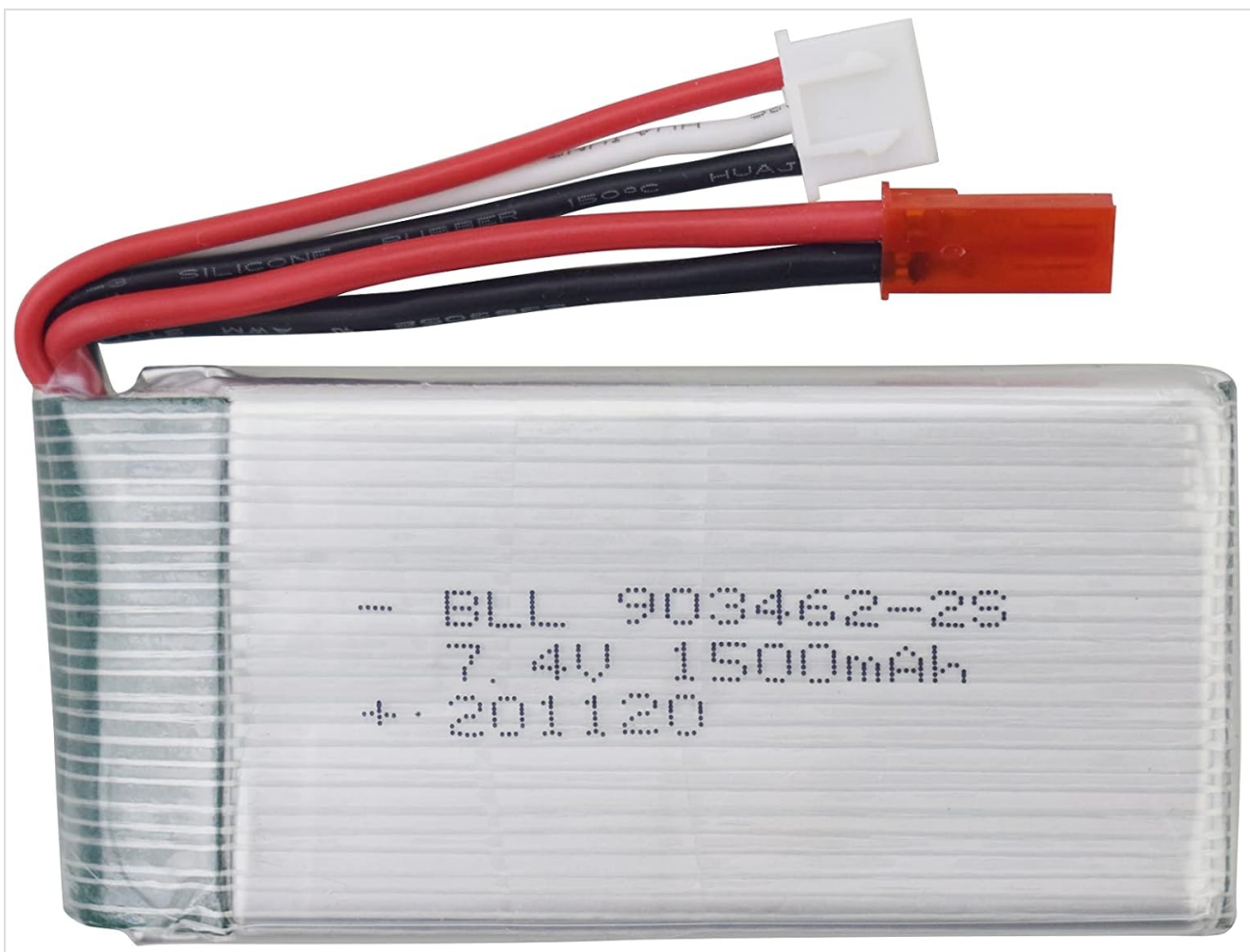


Image 2: Top view of the Fytoo 7.4V 1500mAh Lithium Polymer battery, showing its compact design.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging	Incorrect charger settings, faulty charger, damaged battery, loose connection.	Verify charger settings (LiPo 2S, 7.4V, max 1.5A). Check all connections. Try a different charger if available. If battery is swollen or damaged, discontinue use.
Short run time	Battery not fully charged, battery degradation, over-discharge in previous use, cold temperature.	Ensure full charge. Avoid over-discharging. Operate in moderate temperatures. If battery is old, consider replacement.
Battery swelling	Overcharging, over-discharging, physical damage, internal cell damage.	Immediately discontinue use. This indicates a dangerous condition. Safely dispose of the battery according to local regulations. Do not attempt to charge or use a swollen battery.
Battery gets hot during use	Excessive current draw, short circuit in RC model, battery internal resistance.	Stop operation immediately and allow battery to cool. Check RC model for issues causing high current draw. If problem persists, battery may be faulty.

8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Battery Type	Lithium Polymer (LiPo)
Voltage	7.4V
Configuration	2S
Capacity	1500mAh
Discharge Rate	25C
Discharge Connector	JST-2P Plug
Charging Interface	XH-3P Plug
Dimensions (L x W x T)	71mm x 34mm x 19mm (2.8in x 1.33in x 0.75in)
Weight (per battery)	Approximately 84g
Compatibility	WLTOYS V913 RC Helicopter, L959 RC Car, WL912 RC Boat



Image 3: Angled view of the Fytoo 7.4V 1500mAh Lithium Polymer battery, highlighting the JST-2P discharge connector and XH-3P charging connector.

9. CUSTOMER SUPPORT

For any questions, concerns, or technical assistance regarding your Fytoo 7.4V 1500mAh Lithium Polymer battery, please contact the manufacturer or your point of purchase. Refer to your product packaging or retailer's website for specific contact details.

Always provide your product model number (7.4V 1500mah Lithium Battery) and any relevant purchase information when seeking support.

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

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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