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› Fytoo 3.7V 1500mAh Li-Po Battery Instruction Manual for UDIRC Drones

Fytoo 905134 (Compatible with UDIRC U52, U52G, D50, U89S)

Fytoo 3.7V 1500mAh Li-Po Battery Instruction Manual for UDIRC Drones

Model: 905134 (Compatible with UDIRC U52, U52G, D50, U89S)

1. INTRODUCTION

This manual provides essential information for the safe and effective use, charging, and maintenance of your Fytoo 3.7V 1500mAh Lithium Polymer (Li-Po) batteries. These batteries are designed for use with UDIRC U52, U52G, D50, and U89S four-axis aircraft.

Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage or injury.

2. SAFETY INFORMATION AND WARNINGS

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

- **Read and follow all precautions before use.**
- Keep batteries away from damp, corrosive environments, or excessive heat.
- Always disconnect power and unplug the battery after use.
- **Do not charge the battery if it bulges, swells, or shows any signs of damage or expansion.** Discontinue use immediately if such conditions are observed.
- Improper use of batteries may lead to dangerous situations.
- **Never leave charging batteries unattended.** Always monitor the charging process.
- Use only the UDIRC charger specifically designed for these batteries. Using incompatible chargers can be dangerous.
- Do not puncture, disassemble, short-circuit, or expose batteries to fire.
- Keep batteries out of reach of children and pets.



— +
1500mAh

Model:905134

3.7V, 1500mAh (5.55Wh)

Rechargeable Li-Po Battery



WARNING:

- Read and follow all precautions before use.
- Keep away from damp, corrosive environment or heat.
- Disconnect the power and unplug the plug after using.
- Do not charge the battery when it bulges or expands.
- Improper use of batteries may lead to danger.
- Never leave charging batteries unattended.
- Use UDIRC charger only.



MADE IN CHINA



Image: Close-up view of the Fytoo 3.7V 1500mAh Li-Po battery, clearly showing the model number (905134) and the critical safety warning label. The label advises users to read precautions, avoid damp/heat, disconnect after use, not charge if swollen, avoid improper use, not leave unattended during charging, and use only a UDIRC charger.

3. SETUP AND INSTALLATION

1. Ensure the drone is powered off before attempting to install or remove the battery.
2. Locate the battery compartment on your UDIRC U52, U52G, D50, or U89S drone.
3. Carefully insert the Fytoo 3.7V 1500mAh Li-Po battery into the compartment. The battery connector is designed to match the original battery, ensuring a secure fit without loose connections.
4. Connect the battery plug to the drone's power port. Ensure the connection is firm and correctly oriented.
5. Close the battery compartment securely.



Image: Bottom view of the Fytoo 3.7V 1500mAh Li-Po battery, showing the textured surface and overall form factor designed for drone compartments. This view helps in understanding the physical dimensions and how it might fit into a drone's battery.

4. CHARGING INSTRUCTIONS

Proper charging is crucial for battery longevity and safety.

1. Allow the battery to cool down completely before recharging, especially after a flight.
2. Connect the battery to the designated UDIRC charger.
3. Plug the charger into a suitable power source.
4. Monitor the charging process. Do not leave batteries charging unattended.
5. Once fully charged, disconnect the battery from the charger immediately.



Image: An angled view of the Fytoo 3.7V 1500mAh Li-Po battery, highlighting its compact design and the connector port. This perspective shows the battery's profile, which is important for understanding its fit within a drone's battery slot.

5. OPERATING INSTRUCTIONS

These batteries are designed to provide reliable power for your UDIRC drone, offering extended flight times compared to lower capacity alternatives.

- Ensure the battery is fully charged before each flight for optimal performance.
- Always power on the remote control first, then the drone. Power off the drone first, then the remote control.
- Monitor the drone's battery indicator during flight to avoid sudden power loss.
- After flight, allow the battery to cool down before recharging or storing.

6. MAINTENANCE

Proper maintenance extends the lifespan of your batteries.

- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not store fully charged or completely discharged batteries for extended periods. A storage charge (around 3.8V

per cell for Li-Po) is recommended for long-term storage.

- Regularly inspect batteries for any signs of damage, such as swelling, punctures, or leaks. Discontinue use and dispose of damaged batteries safely.
- The high-quality aluminum board with good sealing ensures antioxidant, heat-insulation, and anti-leak fluid properties, contributing to the battery's durability.



Image: Side view of the Fytoo 3.7V 1500mAh Li-Po battery, showcasing its slim profile and the integrated connector. This view emphasizes the battery's compact design, which is essential for fitting into drone battery compartments.

7. TROUBLESHOOTING

If you encounter issues with your Fytoo batteries, consider the following:

- **Battery Not Charging:**
 - Ensure the charger is correctly plugged into a power source and the battery.
 - Verify that you are using the correct UDIRC charger.
 - Check the battery for any visible damage (swelling, leaks). If damaged, do not charge.
- **Short Flight Time:**
 - Ensure the battery is fully charged before flight.
 - Check for signs of battery degradation (e.g., swelling).
 - Environmental factors (wind, cold temperatures) can affect flight duration.
- **Loose Connection:**
 - Ensure the battery connector is firmly seated in the drone's port. The design is intended for a snug fit.

8. SPECIFICATIONS

Model	905134
Voltage	3.7V
Capacity	1500mAh (5.55Wh)
Battery Type	Lithium Polymer (Li-Po)
Compatible Drones	UDIRC U52, U52G, D50, U89S
Item Weight	3.98 ounces (approx. 95g)

Package Dimensions	4.5 x 3 x 1.4 inches
Battery Cell Composition	Manganese



Image: Two Fytoo 3.7V 1500mAh Li-Po batteries displayed side-by-side, showing their identical appearance and compact form factor. This image represents the typical package content of two batteries.

9. CUSTOMER SUPPORT

For any questions, concerns, or assistance regarding your Fytoo 3.7V 1500mAh Li-Po batteries, please do not hesitate to contact us. We are committed to providing excellent service.

Refer to your purchase documentation or the Fytoo brand store on Amazon for contact information.

Fytoo Store Link: [Visit the Fytoo Store on Amazon](#)

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