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› Fytoo 7.4V 350mAh Lithium Battery User Manual

Fytoo UDI U31, U31W, U36, T25, U34W, U36WH Compatible Battery

Fytoo 7.4V 350mAh Lithium Battery User Manual

For UDI U31 / U31W / U36 / T25 / U34W / U36WH Quadcopters

INTRODUCTION

This manual provides essential information for the safe and effective use of your Fytoo 7.4V 350mAh Lithium Polymer (Li-Po) battery. This battery is designed as a spare part for specific UDI quadcopter models, including UDI U31, U31W, U36, T25, U34W, and U36WH. Please read this manual thoroughly before using the battery.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Improper use of Li-Po batteries can result in fire, serious injury, or property damage. Always follow these instructions carefully.

- Read and follow all precautions provided by the battery manufacturer and your quadcopter's manual.
- Use only UDIRC chargers or chargers specifically recommended by the manufacturer for this battery type.
- Do not throw the battery into fire or expose it to high temperatures.
- Do not short circuit the battery terminals.
- Do not put the battery in wet or corrosive environments.
- Disconnect the charger immediately if batteries become hot or puff during charging.
- Keep batteries out of reach of children.
- Do not puncture, drop, or disassemble the battery.



Image: Close-up view of the battery's warning label, highlighting safety precautions.

SETUP AND CHARGING

Initial Inspection

Upon receiving your Fytoo batteries, inspect them for any signs of damage, swelling, or leakage. Do not use a damaged battery.

Charging the Battery

To charge the battery:

1. Ensure you are using a compatible Li-Po charger (e.g., UDIRC charger).
2. Connect the battery to the charger's appropriate port. The battery connector is designed to fit securely without loose connections.
3. Follow the charger's instructions for the charging process. Do not overcharge the battery.
4. Always charge batteries on a non-flammable surface and never leave charging batteries unattended.



Image: Two Fytoo 7.4V 350mAh lithium batteries, as typically supplied in the package.

OPERATING INSTRUCTIONS

Installing the Battery

These batteries are designed for a precise fit with compatible UDI quadcopter models. To install:

1. Refer to your quadcopter's user manual for specific battery compartment location and installation steps.
2. Carefully insert the battery into the designated compartment, ensuring the correct orientation.
3. Connect the battery's power connector to the quadcopter's power input. The connector is designed to prevent loose connections.
4. Secure the battery compartment cover, if applicable.

Usage Tips

- Always ensure the battery is fully charged before each flight for optimal performance and flight time.
- Monitor your quadcopter's battery indicator during flight. Land the drone before the battery is completely depleted to prevent over-discharge, which can damage the battery.

- Allow the battery to cool down before recharging after use.



Image: Side view of a single Fyto battery, showing its compact design for drone integration.

MAINTENANCE AND STORAGE

- **Cleaning:** Keep the battery and its connectors clean and free from dust or debris. Use a dry, soft cloth for cleaning.
- **Storage:** When not in use for extended periods, store the battery in a cool, dry place, away from direct sunlight and extreme temperatures. Ideally, store Li-Po batteries at a "storage charge" (around 3.8V per cell) rather than fully charged or fully discharged.
- **Disposal:** Do not dispose of Li-Po batteries in regular household waste. They must be recycled or disposed of according to local regulations for hazardous waste. Many electronics stores or recycling centers accept Li-Po batteries.



Image: Top view of a single Fytoo battery, showing the connector pins.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging.	Incorrect charger, loose connection, damaged battery, or charger malfunction.	Ensure charger is compatible and connected securely. Try a different charger if available. Inspect battery for damage. If damaged, discontinue use and dispose of properly.
Short flight time.	Battery not fully charged, aging battery, or environmental factors (e.g., cold weather, strong winds).	Ensure battery is fully charged before use. Li-Po batteries degrade over time; consider replacing old batteries. Avoid flying in extreme conditions.
Battery swells or becomes hot during use/charging.	Battery damage or internal fault.	Immediately disconnect the battery and place it in a fire-safe container. Do NOT use or charge it again. Dispose of it safely according to local regulations. This is a serious safety risk.

SPECIFICATIONS

Feature	Detail
Model Compatibility	UDI U31 / U31W / U36 / T25 / U34W / U36WH Quadcopters
Battery Type	Lithium Polymer (Li-Po)
Voltage	7.4V
Capacity	350mAh
Battery Cell Composition	Manganese
Item Weight	Approximately 2.29 ounces (65 grams) per battery
Package Dimensions	4.06 x 3.39 x 1.46 inches
Recommended Age	14 years and up

SUPPORT AND CONTACT

For any questions or concerns regarding your Fytoo battery, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific contact information.

Note: As a spare part, warranty terms are typically covered by the original product's warranty or the retailer's return policy. Please check your purchase details.

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.

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