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› Fytoo 3.7V 600mAh Lithium Battery and 5-in-1 Balance Charger User Manual

Fytoo 3.7V 600mAh Lithium Battery with 5-in-1 Balance Charger Kit

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Model: 3.7V 600mAh Battery & 5-in-1 Charger Kit

INTRODUCTION

This manual provides essential information for the safe and effective use of your Fytoo 3.7V 600mAh Lithium Batteries and 5-in-1 Balance Charger. Please read this manual thoroughly before use to ensure proper operation and longevity of your product.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- 5 x Fytoo 3.7V 600mAh Lithium Batteries
- 1 x Fytoo 5-in-1 Balance Charger
- 1 x USB Charging Cable



Image: The complete package contents, including the 5-in-1 charger, USB cable, and five individual 3.7V 600mAh lithium batteries.

SPECIFICATIONS

Battery Type	Lithium Polymer (LiPo)
Voltage	3.7V
Capacity	600mAh
Battery Configuration	1S
Discharge Rate	25C
Battery Dimensions (L x W x T)	40mm x 25mm x 8mm (1.65in x 0.99in x 0.32in)
Battery Weight	17g per piece

Discharge Connector	51005-2P plug
Charging Interface	51005-2P plug
Charger Input	USB (5V)
Compatible Models	EACHINE E32HW, MJX X708, X708W, X709, UDI U45, U45W, U42, U42W, SYMA X5C, X5SW, X5SC, S5, S5C, S5W, SS40, FQ36, T32, T5W, H42, CW4 RC Helicopters/Quadcopter

42mm
1.65in

8mm
0.32in

25mm
0.99in

6.5mm
0.26in

Battery voltage: 3.7V
Battery configuration: 1S
Battery capacity: 600mAh
Discharge rate: 25C
Battery weight: 17g/1PCS
Battery size: length 1.65 (in) X width 0.99 (in) X thickness 0.32 (in)
Discharge connector: 51005-2P plug
Charging interface: 51005-2P plug
Battery Chemistry: Lithium Polymer

Image: Visual representation of battery dimensions and key specifications.



Image: Examples of compatible drone models for these batteries.

SAFETY INFORMATION

Lithium Polymer (LiPo) batteries require careful handling. Adhere to the following safety guidelines:

- **Do not** overcharge or over-discharge batteries.
- **Do not** short-circuit the battery terminals.
- **Do not** expose batteries to extreme temperatures (hot or cold) or direct sunlight.
- **Do not** puncture, drop, or disassemble batteries.
- Always charge batteries on a non-flammable surface and away from flammable materials.
- Supervise batteries during charging.
- If a battery swells, leaks, or shows any signs of damage, discontinue use immediately and dispose of it properly.
- Keep batteries out of reach of children and pets.
- The internal battery protection device is installed for user safety; however, proper handling is still crucial.

SETUP: CHARGING THE BATTERIES

Before first use, or when batteries are low, they must be charged using the provided 5-in-1 balance charger.

1. **Connect the Charger:** Plug the USB end of the charging cable into a standard USB power source (e.g., computer USB port, USB wall adapter, power bank). The charger's indicator lights may briefly illuminate.
2. **Connect Batteries:** Carefully insert the battery connectors into the charging ports on the 5-in-1 balance charger. Ensure the connectors are oriented correctly to avoid damage. You can charge one to five batteries simultaneously.
3. **Monitor Charging:** Each charging port on the charger has a corresponding indicator light.
 - A **red light** indicates that the battery is currently charging.
 - The light will **turn off** when the battery is fully charged.
4. **Disconnect Batteries:** Once all indicator lights are off, the batteries are fully charged. Disconnect the batteries from the charger, then disconnect the charger from the USB power source.

Note: It is recommended to allow batteries to cool down for 15-20 minutes after use before recharging them to prolong their lifespan.

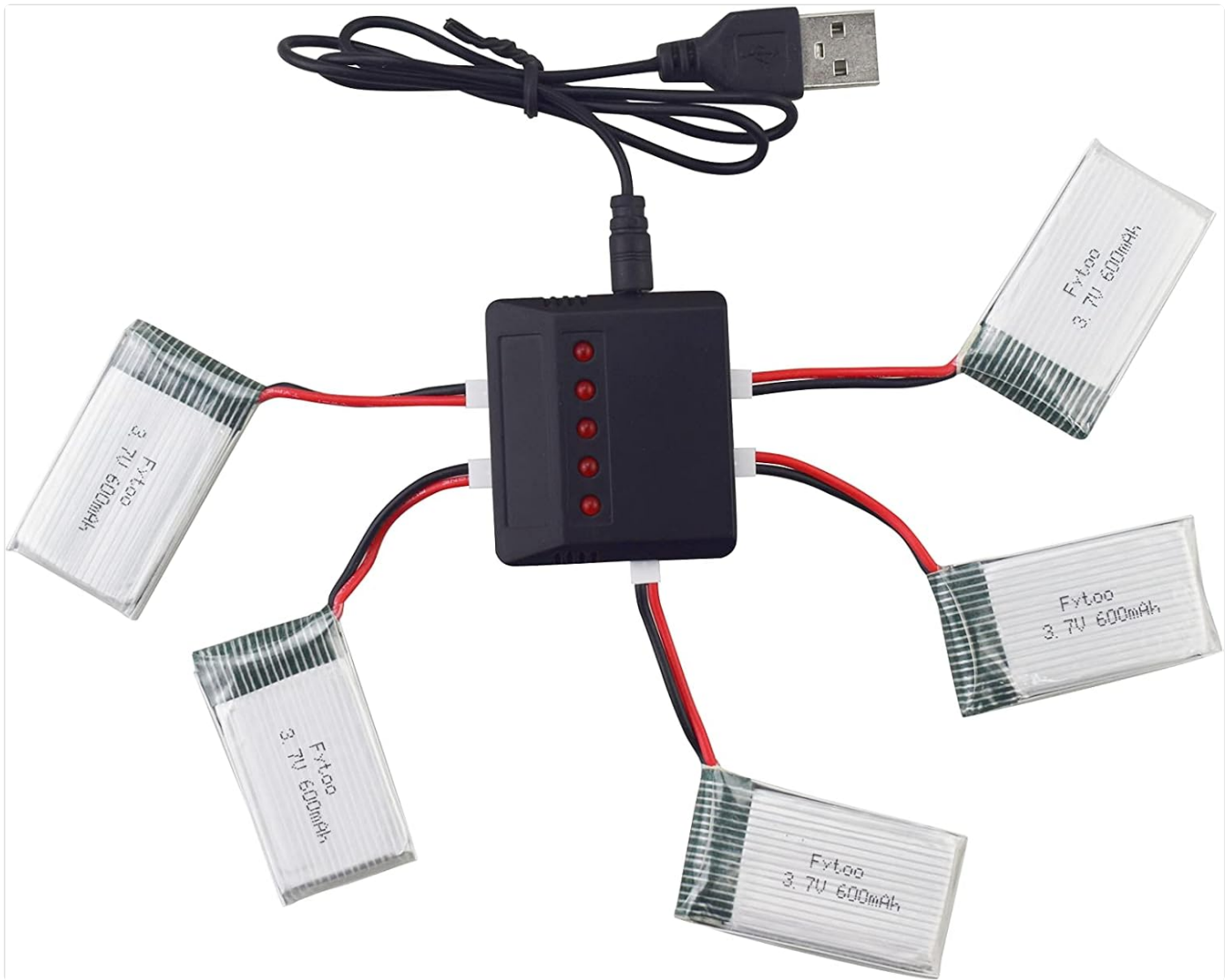


Image: The 5-in-1 charger with multiple batteries connected for simultaneous charging.

OPERATION: INSTALLING BATTERIES

These batteries are designed for various RC models. Refer to your specific RC model's instruction manual for detailed battery installation steps. General guidelines are provided below:

1. **Identify Battery Compartment:** Locate the battery compartment on your RC drone or helicopter. This is typically on the underside or rear of the device.
2. **Open Compartment:** Open the battery compartment cover.
3. **Insert Battery:** Carefully insert a fully charged Fytoo 3.7V 600mAh battery into the compartment, ensuring the correct orientation.
4. **Connect Plug:** Connect the battery's 51005-2P plug to the corresponding port inside the RC model's battery compartment. Ensure a secure connection.
5. **Close Compartment:** Close the battery compartment cover securely.

Your RC model is now ready for operation. Always ensure the battery is securely installed before use.

MAINTENANCE

Proper maintenance extends the life of your batteries and charger:

- **Storage:** Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to store LiPo batteries at a "storage charge" (around 3.8V per cell), not fully charged or fully discharged.
- **Cleaning:** Use a soft, dry cloth to clean the batteries and charger. Do not use liquids or solvents.
- **Inspection:** Regularly inspect batteries for any signs of swelling, damage, or leaks. Inspect the charger and cables for fraying or damage. Discontinue use of any damaged components.
- **Disposal:** Dispose of damaged or end-of-life LiPo batteries responsibly at a designated battery recycling facility. Do not dispose of them in household waste.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging.	◦ USB power source is not active or insufficient. ◦ Battery not properly connected to charger. ◦ Damaged charger or cable. ◦ Battery is fully charged.	◦ Try a different USB port or power adapter. ◦ Ensure battery connector is fully inserted and correctly oriented. ◦ Inspect charger and cable for damage; replace if necessary. ◦ Check if the indicator light is off, indicating a full charge.
Short flight time.	◦ Battery not fully charged. ◦ Battery degradation over time. ◦ Battery not suitable for the specific RC model's power demands.	◦ Ensure batteries are fully charged until indicator lights turn off. ◦ LiPo batteries have a limited number of charge cycles. Consider replacing older batteries. ◦ Verify compatibility with your RC model's power requirements.

Battery swells or gets hot during use/charging.	◦ Overcharging or over-discharging. ◦ Internal battery damage. ◦ Short circuit.	◦ Immediately disconnect the battery. ◦ Do not use the battery. Dispose of it safely at a battery recycling facility. ◦ Ensure proper charging practices and avoid deep discharge.
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WARRANTY AND SUPPORT

Fytoo products are manufactured with quality and reliability in mind. While specific warranty details are not provided in this manual, if you encounter any issues or have questions regarding your Fytoo 3.7V 600mAh Lithium Batteries or 5-in-1 Balance Charger, please do not hesitate to contact Fytoo customer support.

For assistance, please refer to the contact information provided with your purchase or visit the official Fytoo store on Amazon:

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