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› TATTU 11.1V 1300mAh 75C 3S LiPo Battery Pack with XT60 Plug Instruction Manual

TATTU 11.1V 1300mAh 75C 3S LiPo Battery Pack

TATTU 11.1V 1300mAh 75C 3S LiPo Battery Pack with XT60 Plug

Model: 11.1V 1300mAh 75C 3S LiPo Battery Pack

Brand: TATTU

INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your TATTU 11.1V 1300mAh 75C 3S LiPo Battery Pack. Please read this manual thoroughly before using the product to ensure proper handling, charging, and storage, thereby maximizing battery life and ensuring user safety.



Image: TATTU 11.1V 1300mAh 75C 3S LiPo Battery Pack. This image displays the overall appearance of the battery pack, featuring its compact design and XT60 connector.

SETUP

Before initial use, ensure the battery is fully charged using a compatible LiPo charger. Always inspect the battery for any physical damage before connecting it to your device.

Initial Charging

1. Connect the XT60 plug of the battery to your LiPo charger's output port.
2. Connect the JST-XHR-4P balance plug to the balance port on your charger.
3. Set your charger to the correct LiPo charging mode (Balance Charge) and ensure the voltage (11.1V) and cell count (3S) are correctly detected or manually set.
4. Set the charging current to 1C (1.3A for this 1300mAh battery) or less. Never exceed 1C unless the battery specifies a higher charge rate.

5. Begin charging and monitor the battery throughout the process.

Connection to Device

Once charged, connect the XT60 plug of the battery to the corresponding XT60 input on your RC model (e.g., drone, airplane, boat). Ensure a secure connection to prevent power interruptions during operation.

Safety Warnings

- Never leave a charging LiPo battery unattended.
- Charge LiPo batteries on a fire-resistant surface, away from flammable materials.
- Do not overcharge or over-discharge LiPo batteries. Over-discharging below 3.0V per cell can permanently damage the battery.
- Do not puncture, disassemble, or short-circuit the battery.
- If the battery swells, smokes, or catches fire, immediately move it to a safe, non-flammable area and use a LiPo-safe bag or sand to extinguish.
- Keep batteries out of reach of children and pets.

OPERATING INSTRUCTIONS

This TATTU LiPo battery is designed for high-performance RC applications. Proper operation ensures optimal performance and longevity.

Usage Guidelines

- **Discharge Rate:** The battery has a 75C discharge rate, providing high power output for demanding applications. Ensure your device's current draw does not exceed the battery's continuous discharge capability.
- **Temperature:** Operate the battery within a temperature range of 0°C to 60°C (32°F to 140°F). Avoid using the battery in extremely cold or hot conditions, as this can affect performance and safety.
- **Voltage Monitoring:** Always monitor the battery voltage during use. Stop operation when the voltage drops to approximately 3.5V per cell under load to prevent over-discharge.

Compatibility

This battery is compatible with various RC models, including:

- RC Boat
- Heli
- Airplane
- UAV Drone
- FPV models such as Nemesis 240 Mini, Skylark M4-FPV 250 Mini, Shredder 200, INDY250 Plus, Mojo 280, HOVERSHIP MHQ2.



Image: TATTU LiPo Battery shown with various FPV drones. This image illustrates the battery's application in different drone models, highlighting its versatility.

MAINTENANCE

Proper maintenance is crucial for the longevity and safety of your LiPo battery.

Charging Best Practices

- Always use a dedicated LiPo balance charger.
- Never charge a damaged or swollen battery.
- Allow the battery to cool down before charging after use.

Storage Guidelines

- For long-term storage, charge or discharge the battery to a storage voltage of 3.8V to 3.85V per cell.

- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use a LiPo-safe bag or container for storage to minimize risks.

Disposal

Do not dispose of LiPo batteries in regular household waste. They must be disposed of properly at a designated battery recycling facility. Fully discharge the battery before disposal to prevent hazards.

TROUBLESHOOTING

If you encounter issues with your TATTU LiPo battery, refer to the following common problems and solutions:

- **Battery Not Charging:**
 - Ensure all connections (XT60 and balance plug) are secure.
 - Verify the charger settings (LiPo mode, 3S, 11.1V) are correct.
 - Check for any visible damage to the battery or charger cables.
- **Reduced Performance/Short Run Time:**
 - The battery may be aging. LiPo batteries have a finite cycle life.
 - Ensure the battery is fully charged before use.
 - Check for signs of puffing or swelling, which indicate battery degradation.
- **Battery Swelling/Puffing:**
 - This indicates internal damage or over-stress. Immediately discontinue use and safely dispose of the battery.
 - Do not attempt to charge or use a swollen battery.

For issues not covered here, please contact customer support.

SPECIFICATIONS

Detailed technical specifications for the TATTU 11.1V 1300mAh 75C 3S LiPo Battery Pack:

Powerful Advantage



+15%

LONGER CYCLE LIFE

-8%



LIGHTER WEIGHT



-6%

ULTRA-LOW RESISTANCE



PREMIUM MATERIAL

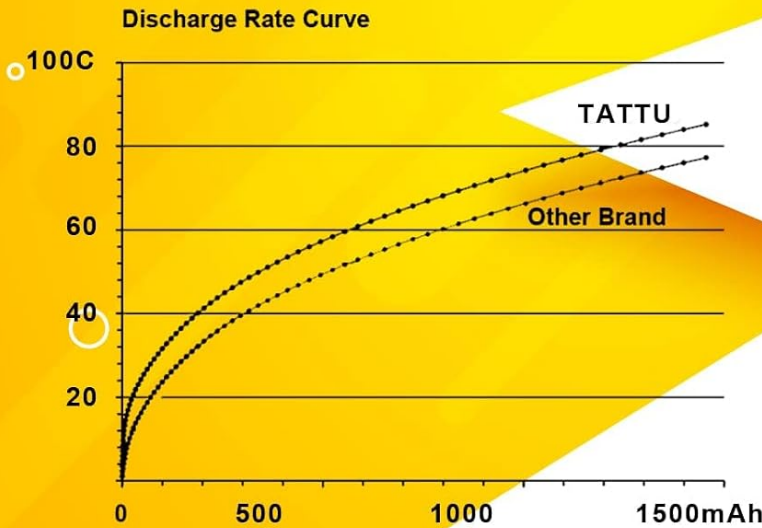


Image: TATTU LiPo Battery Basic Parameters. This image provides a visual overview of the battery's key specifications, including dimensions, weight, and connector types.

Feature	Specification
Battery Voltage	11.1V
Cell Configuration	3S1P (3 Cells in Series, 1 Parallel)
Capacity	1300mAh
Discharge Rate	75C
Discharge Plug	XT60 Plug
Balance Plug	JST-XHR-4P
Dimensions (L*W*H)	72mm * 21mm * 36mm (2.83in * 0.82in * 1.41in)

Feature	Specification
Approx. Weight (per battery)	122g (0.27lb)
Battery Cell Composition	Lithium Polymer
Recommended Uses	RC Boat, Heli, Airplane, UAV Drone, FPV

Strong Endurance



Image: TATTU LiPo Battery Powerful Advantage. This image highlights performance benefits such as longer cycle life, lighter weight, ultra-low resistance, and premium material construction, along with a discharge rate curve comparison.

WARRANTY INFORMATION

The TATTU battery comes with a **60-day money-back guarantee** and an **18-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures product quality.

CUSTOMER SUPPORT

For any questions, concerns, or assistance with your TATTU LiPo battery, our friendly customer service team is available 24 hours a day. Please contact us directly through your order details by entering “YOU ORDER” to initiate communication. We are committed to resolving any issues you may encounter with our product.

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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

Anonymous

Email

you@example.com

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