**TATTU 11.1V LiPo Airsoft Stick Battery, 3S 1200mAh 25C**

# TATTU 11.1V LiPo Airsoft Stick Battery User Manual

Model: 11.1V LiPo Airsoft Stick Battery, 3S 1200mAh 25C

Brand: TATTU

## 1. Introduction

This manual provides essential information for the safe and effective use of your TATTU 11.1V LiPo Airsoft Stick Battery. Please read these instructions carefully before using the battery to ensure optimal performance and longevity, and to prevent potential hazards.

## 2. Product Overview

The TATTU 11.1V LiPo Airsoft Stick Battery is designed for various airsoft guns, offering reliable power and consistent discharge. It is suitable for models such as AK Series, UMG, MP5k, and MP5 PDW folding stock models, as well as other compatible AEGs.

### Key Features:

- **High Capacity:** 1200mAh for extended usage.
- **Voltage:** 11.1V (3S configuration) provides strong power output.
- **Discharge Rate:** 25C continuous discharge rate for consistent performance.
- **Connector:** Equipped with a Mini TMY connector for broad compatibility.
- **Compact Design:** Dimensions of 4.9" x 0.8" x 0.6" (124 x 20 x 16mm) and a weight of 88g for easy fitment.

Figure 2.1: TATTU LiPo battery showing its compact dimensions (4.9" length, 0.8" width, 0.6" height) and light weight (88g).

Figure 2.2: The battery features a Mini TMY connector, compatible with many airsoft guns requiring stick, crane, or nunchuck style batteries.

Figure 2.3: The 1200mAh capacity ensures consistent power output for extended airsoft gameplay.

Figure 2.4: The 25C continuous discharge rate maximizes the performance of compatible airsoft devices, including various popular models.

## 3. Safety Information

**WARNING: Lithium Polymer (LiPo) batteries can be dangerous if not handled correctly. Failure to follow these safety guidelines may result in fire, personal injury, or property damage.**

- **Charging:** Always use a dedicated LiPo compatible charger. Never use a NiMH/NiCd charger. Charge in a fire-safe area, away from flammable materials, and never leave charging batteries unattended.
- **Storage:** Store LiPo batteries in a cool, dry place, away from direct sunlight and extreme temperatures. Use a LiPo-safe bag or container. Do not store fully charged or fully discharged for extended periods.
- **Handling:** Do not puncture, drop, short-circuit, or disassemble the battery. Avoid physical impact. If the battery swells, leaks, or shows any damage, discontinue use immediately and dispose of it safely.

- **Disposal:** Do not dispose of LiPo batteries in regular trash. Consult local regulations for proper disposal of LiPo batteries.
- **Temperature:** Do not expose the battery to temperatures above 60°C (140°F) or below 0°C (32°F).

## 4. Setup

### 4.1 Initial Charging

1. Ensure you have a LiPo compatible charger (not included). Refer to your charger's manual for specific instructions.
2. Connect the battery's Mini TMY connector to the charger's output port.
3. Connect the battery's balance lead (if present) to the charger's balance port.
4. Set the charger to the correct LiPo mode, voltage (11.1V), and charging current (typically 1C, which is 1.2A for a 1200mAh battery).
5. Begin charging and monitor the battery closely. Disconnect once fully charged.

### 4.2 Battery Installation

1. Ensure your airsoft gun is powered off and safe.
2. Locate the battery compartment in your airsoft gun (e.g., stock, handguard).
3. Carefully insert the TATTU LiPo stick battery into the compartment. Ensure wires are not pinched.
4. Connect the Mini TMY connector from the battery to the corresponding connector in your airsoft gun.
5. Close the battery compartment securely.

## 5. Operating the Battery

Once installed and charged, your TATTU LiPo battery is ready for use with your airsoft gun.

- Turn on your airsoft gun.
- Monitor battery performance during use. If you notice a significant drop in power or rate of fire, it's time to recharge.
- Avoid fully discharging the LiPo battery, as this can damage it. Most airsoft guns with LiPo compatibility have low voltage cut-offs. If your gun does not, consider using an external LiPo alarm.

## 6. Maintenance

### 6.1 Charging Practices

- Always balance charge your LiPo battery to ensure cell voltage consistency.
- Never overcharge or over-discharge the battery.

### 6.2 Storage

- For long-term storage, charge or discharge the battery to a storage voltage (typically 3.8V per cell).
- Store in a cool, dry, fire-safe location, ideally in a LiPo-safe bag or box.

### 6.3 General Care

- Inspect the battery regularly for any signs of damage, swelling, or loose connections.
- Keep connectors clean and free from dirt or corrosion.
- Avoid exposing the battery to moisture or extreme temperatures.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Battery not charging | Incorrect charger settings; Faulty charger; Damaged battery; Loose connection | Verify charger settings (LiPo mode, voltage, current); Try a different charger; Inspect battery for damage (swelling, leaks); Ensure all connections are secure. |
| Airsoft gun not firing or low power | Battery discharged; Poor connection; Battery damage; Incompatible battery | Recharge battery; Check battery and gun connectors for secure fit; Inspect battery for damage; Ensure battery specifications (voltage, discharge rate) are compatible with your airsoft gun. |
| Battery swelling | Overcharging; Over-discharging; Physical damage; Age | **Immediately discontinue use and safely dispose of the battery. Swelling indicates a dangerous condition.** |

## 8. Specifications

| Specification | Value |
|---|---|
| Capacity | 1200mAh |
| Voltage | 11.1V |
| Cell Configuration | 3S1P |
| Discharge Rate | 25C |
| Connector Type | Mini TMY Connector |

| Specification | Value |
| --- | --- |
| Dimensions (L x W x H) | 124 x 20 x 16mm (4.9" x 0.8" x 0.6") |
| Weight | 88g |
| Battery Cell Composition | Lithium Polymer |
| Reusability | Rechargeable |

## 9. Warranty and Support

TATTU provides customer services and technical support for its products. For any questions or issues regarding your battery, please contact TATTU customer support through the retailer where the product was purchased or refer to the official TATTU website for contact information. Please retain your proof of purchase for warranty claims.

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