

Zeee 3S Lipo Battery 2200mAh 11.1V 50C

Zeee 3S Lipo Battery 2200mAh 11.1V 50C Instruction Manual

Model: 3S Lipo Battery 2200mAh 11.1V 50C

1. INTRODUCTION

Thank you for choosing the Zeee 3S Lipo Battery 2200mAh 11.1V 50C. This high-performance Lithium Polymer battery is designed for a wide range of RC models, including cars, trucks, boats, drones, airplanes, helicopters, and FPV systems. This manual provides essential information for the safe and optimal use, maintenance, and storage of your battery.

2. SAFETY WARNINGS

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

- Users must read this safety manual before using the battery.
- Use only Lithium Polymer (LiPo) specific balance chargers. Do not use NiMH, NiCd, or lead-acid chargers.
- The suggested charge rate is 0.5C to 1C. Exceeding 1C can damage the battery and pose a fire risk.
- Never charge the battery unattended. Always monitor the charging process.
- Do not overcharge or over-discharge the battery. Overcharging can lead to fire, and over-discharging can permanently damage the battery.
- Store batteries in a fireproof container or bag, away from flammable materials, and at room temperature.
- Do not puncture, drop, short-circuit, or disassemble the battery.
- If the 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.

3. PRODUCT OVERVIEW AND FEATURES

The Zeee 3S Lipo Battery is engineered for high performance and reliability in your RC models. Key features include:

- **High Capacity:** 2200mAh for extended run times.
- **Voltage:** 11.1V (3S1P configuration) for powerful operation.
- **Discharge Rate:** 50C for strong current delivery under load.
- **Connector Type:** Equipped with a T Connector for broad compatibility.
- **Construction:** Soft case design with 14AWG wires and JST-XH balance plug.



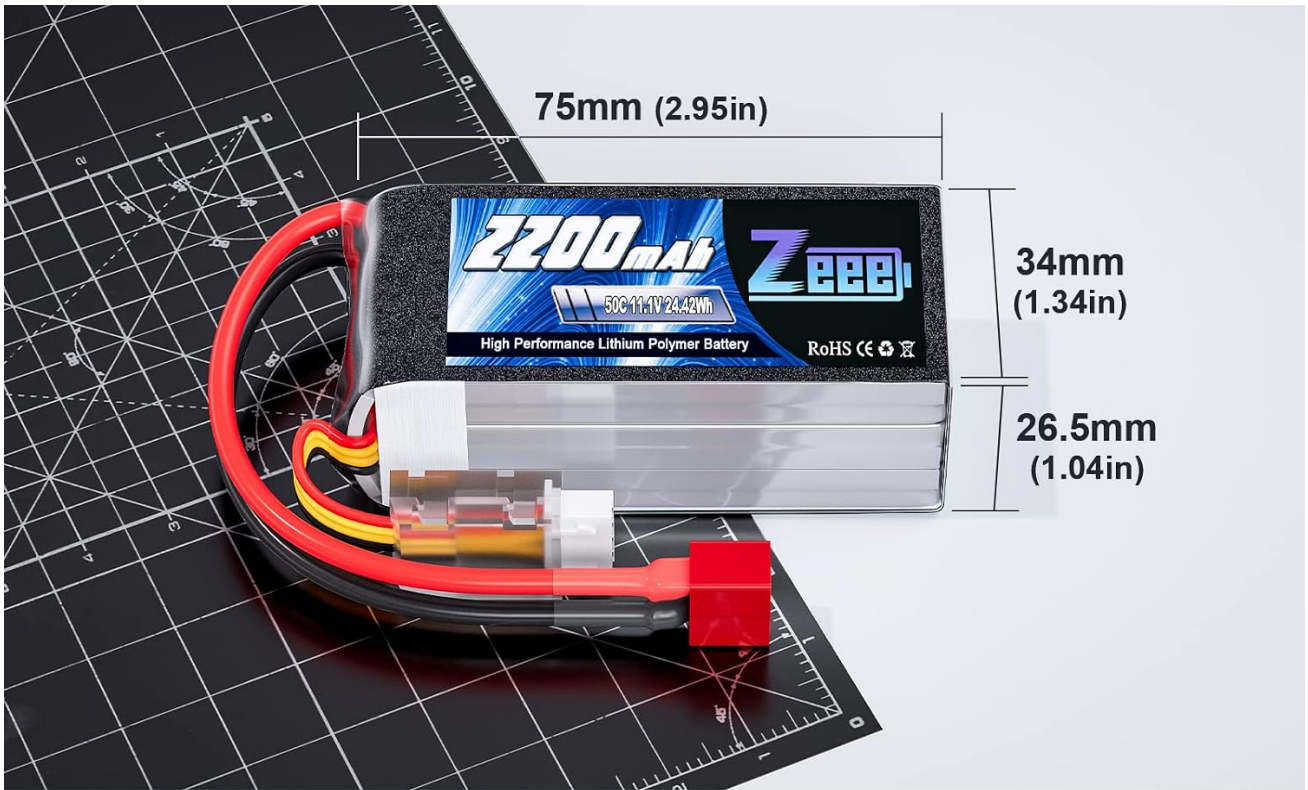
Figure 1: Two Zeee 3S Lipo Batteries, showcasing their compact design and T-connectors.

Product Dimensions and Weight

Understanding the physical specifications is crucial for compatibility with your RC model.

- **Dimensions (L*W*H):** 75mm * 34mm * 26.5mm (2.95in * 1.34in * 1.04in)

- **Approximate Weight:** 137g (4.83oz)



Product Dimensions

Zee RC Lipo Battery, Highest Performance for Your RC Models

Battery Dimension: 75*34*26.5mm / 2.95*1.34*1.04in
Battery Weight: 137g (4.83oz)

2200mAh Battery Capacity	50C Continuous Rate	11.1V Battery Voltage	3S1P Configuration
------------------------------------	-------------------------------	---------------------------------	------------------------------

Figure 2: Detailed dimensions of the Zee 3S 2200mAh Lipo battery, indicating length, width, and height.

Connector and Wiring Details

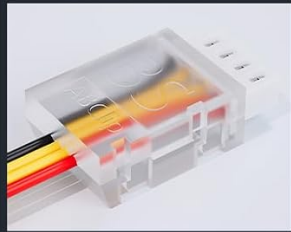
The battery features a T-connector for power output and a JST-XH connector for balance charging, ensuring safe and efficient charging.



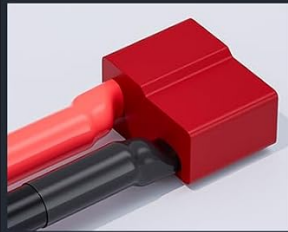
Product Details

Zeee Lipo Battery, Upgraded Series for More Enjoyment

JST-XH



T Connector



Soft Case



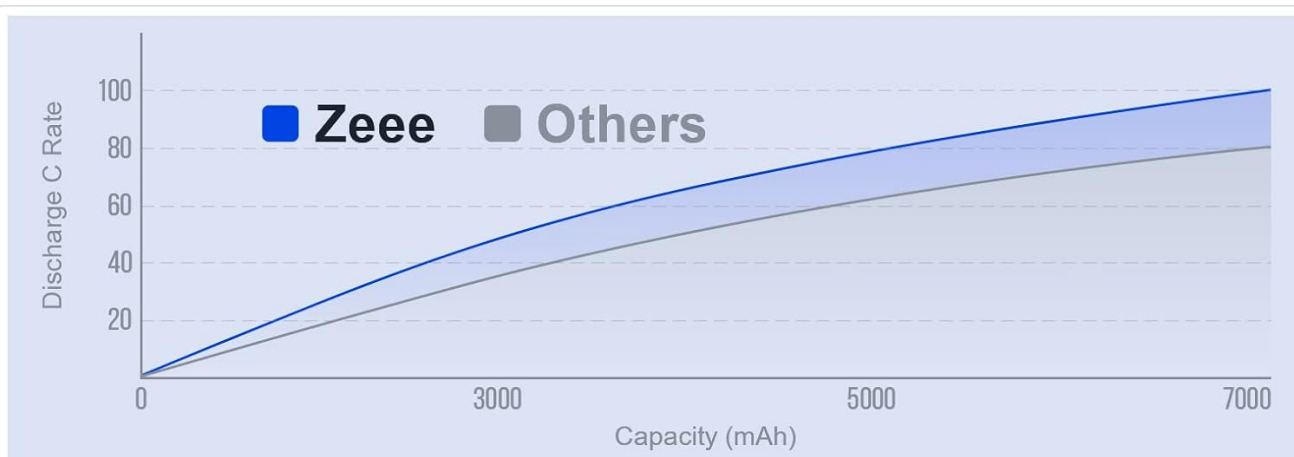
14AWG



Figure 3: Close-up view of the battery's JST-XH balance connector, T-connector, soft case, and 14AWG wiring.

Performance Characteristics

The Zeee Lipo battery is designed for consistent discharge and long cycle life, providing reliable power for your RC models.



Discharge & Cycle Graph

Excellent Performance, Great Power For Your Rc Models

Premium Materials

Low Resistance

Long Cycle life

Figure 4: Graphs illustrating the discharge C-rate and capacity retention over multiple charge cycles, highlighting the battery's consistent performance.

Applications

This battery is suitable for a wide array of RC applications, provided the voltage, dimensions, and plug type match your model's requirements.



Powerful Performance

Fit for RC Airplane, Boat, RC Car, Vehicles, Trucks, etc.

Only if the voltage, dimension and the plug match, then it will fit for your rc model.



Figure 5: Examples of RC models compatible with the Zee Lipo battery, including cars, trucks, boats, and helicopters.

Package Contents

Each package includes the following items:



Package Included:

11.1V 50C 2200mAh Lipo Battery X2
User Manual X1 Wrapped Box X1

Figure 6: Contents of the Zee 3S Lipo Battery package, typically including two batteries, a user manual, and a protective box.

4. SPECIFICATIONS

Specification	Value
Battery Voltage	11.1V
Configuration	3S1P
Capacity	2200mAh
Discharge Rate	50C
Connector Type	T Connector
Dimensions (L*W*H)	75*34*26.5mm (2.95*1.34*1.04inch)
Approx. Weight	137g (4.83oz)

Battery Cell Composition	Lithium Polymer
Recommended Uses	Drone, Remote Control Vehicle

5. SETUP AND INSTALLATION

Before installing the battery, ensure your RC model is powered off. Verify that the battery's voltage, dimensions, and connector type are compatible with your RC model's requirements.

- 1. Prepare the Battery:** Ensure the battery is charged according to the "Charging" section below.
- 2. Access Battery Compartment:** Open the battery compartment of your RC vehicle.
- 3. Insert Battery:** Carefully place the Zeee Lipo battery into the compartment. Ensure it fits snugly without forcing it.
- 4. Secure Battery:** Use any straps or clips provided with your RC model to secure the battery in place, preventing movement during operation.
- 5. Connect Power:** Connect the T-connector from the battery to the corresponding connector on your RC model's Electronic Speed Controller (ESC). Ensure the connection is firm and correct polarity is observed.
- 6. Connect Balance Lead (if applicable):** If your RC model has a balance port for monitoring, connect the JST-XH balance lead. This is typically for telemetry or advanced monitoring, not for primary power.
- 7. Close Compartment:** Securely close the battery compartment.

The following video demonstrates the installation of a Zeee Lipo battery into an RC vehicle, highlighting the fit and connection process.

Your browser does not support the video tag.

Video 1: Installation of a Zeee 3S Lipo battery into an RC car, demonstrating how it fits into the battery tray and connects to the ESC. This video also shows the battery's physical appearance and size in relation to the RC car chassis.

Your browser does not support the video tag.

Video 2: A closer look at the Zeee 3S Lipo battery and its fit within an RC car chassis, along with a discussion of upgrading components like wheel hexes for improved durability.

6. OPERATING INSTRUCTIONS

Once installed, operate your RC model as usual. Monitor battery performance and voltage during use. Discontinue operation if you notice a significant drop in power or if the battery becomes excessively warm.

- Initial Charge:** Always fully charge new batteries before first use.
- Discharging:** Avoid over-discharging. Do not let the battery voltage drop below 3.0V per cell (9.0V for a 3S battery). Most ESCs have a Low Voltage Cutoff (LVC) feature; ensure it is set correctly for LiPo batteries.
- Temperature:** Do not operate the battery if its temperature exceeds 60°C (140°F). Allow it to cool down before recharging.

The following video provides an overview of the Zeee battery manufacturing process and showcases various RC applications where these batteries excel.

Your browser does not support the video tag.

Video 3: A promotional video from Zeee showcasing their battery manufacturing process and various RC vehicles (cars, boats) in action, powered by Zeee batteries.

7. MAINTENANCE AND STORAGE

Proper maintenance and storage are essential for extending the lifespan and ensuring the safety of your LiPo batteries.

- **Charging:** Always use a LiPo-compatible balance charger. Charge in a fire-safe location, preferably on a non-flammable surface and inside a LiPo-safe bag.
- **Storage:** For long-term storage, charge or discharge the battery to a storage voltage of 3.8V-3.85V per cell (11.4V-11.55V for a 3S battery). Store in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect batteries for any signs of damage, swelling, or leaks. Do not use damaged batteries.
- **Disposal:** Dispose of damaged or old LiPo batteries responsibly. Fully discharge the battery (e.g., by connecting it to a low-wattage bulb until voltage drops to 0V) and then immerse it in saltwater for 24 hours before disposing of it in accordance with local regulations.

8. TROUBLESHOOTING

If you encounter issues with your Zeee Lipo battery, consider the following common problems and solutions:

- **Battery Not Charging:**
 - Ensure the charger is LiPo compatible and correctly set for 3S.
 - Check all connections (power and balance leads) for proper seating.
 - Verify the charger is functioning correctly.
- **Reduced Run Time:**
 - Battery may be aging or damaged.
 - Check for proper charging and storage practices.
 - Ensure your RC model's components (motor, ESC) are not drawing excessive current.
- **Battery Swelling:**
 - **Immediately discontinue use.** Swelling indicates internal damage and a potential fire hazard.
 - Do not attempt to charge or use a swollen battery.
 - Dispose of the battery safely as described in the "Maintenance and Storage" section.
- **Overheating During Use:**
 - Check for excessive current draw from your RC model (e.g., motor/ESC issues, gearing too high).
 - Ensure adequate ventilation around the battery in the RC model.
 - Allow the battery to cool completely before further use or charging.

9. WARRANTY AND SUPPORT

Zeee stands behind the quality of its products. For any product-related issues or support, please contact us through the following methods:

- **Contact Seller:** Navigate to "Your Orders" on the platform where you purchased the product and select the "Contact Seller" option.
- **Ask a Question:** Visit our storefront and click on the "Ask a question" link.

We aim to respond to all inquiries within 24 hours.

© 2023 Zeee. All rights reserved.

This manual is subject to change without notice. Please refer to the latest version available online.

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