Zeee Zeee 2S 450mAh 7.4V 50C Lipo Battery (Model B0DGQ5HHMY)

Zeee 2S 450mAh 7.4V 50C Lipo Battery Instruction Manual

Model: B0DGQ5HHMY

1. Safety Warnings and Guidelines

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

- **Read Manual:** Users must read this safety manual completely before using the battery.
- **Charger Type:** Only use a Lithium Polymer (LiPo) specific balance charger. Do not use NiMH, NiCd, or lead-acid chargers.
- **Charge Rate:** The suggested charge rate is 0.5 - 1C. Exceeding this rate can damage the battery and pose a fire risk.
- **Unattended Charging:** Never charge the battery unattended. Always monitor the charging process.
- **Temperature:** Do not charge or discharge batteries in extreme temperatures. Keep batteries away from direct sunlight and heat sources.
- **Physical Damage:** Do not use batteries that are swollen, punctured, or otherwise damaged. Dispose of damaged batteries properly.
- **Short Circuit:** Avoid short-circuiting the battery terminals. This can cause severe damage and fire.
- **Disposal:** Dispose of LiPo batteries according to local regulations. Never put them in household trash.

2. Product Overview

The Zeee 2S 450mAh 7.4V 50C Lipo Battery is designed for various RC models, offering high energy density and discharge rates. This package includes four batteries.

2.1 Package Contents

- 4 x Zeee 7.4V 50C 450mAh Lipo Battery with JST plug
- 1 x User Manual
- 1 x Wrapped Box



Image: Contents of the Zeee 2S 450mAh Lipo Battery package.

2.2 Key Features

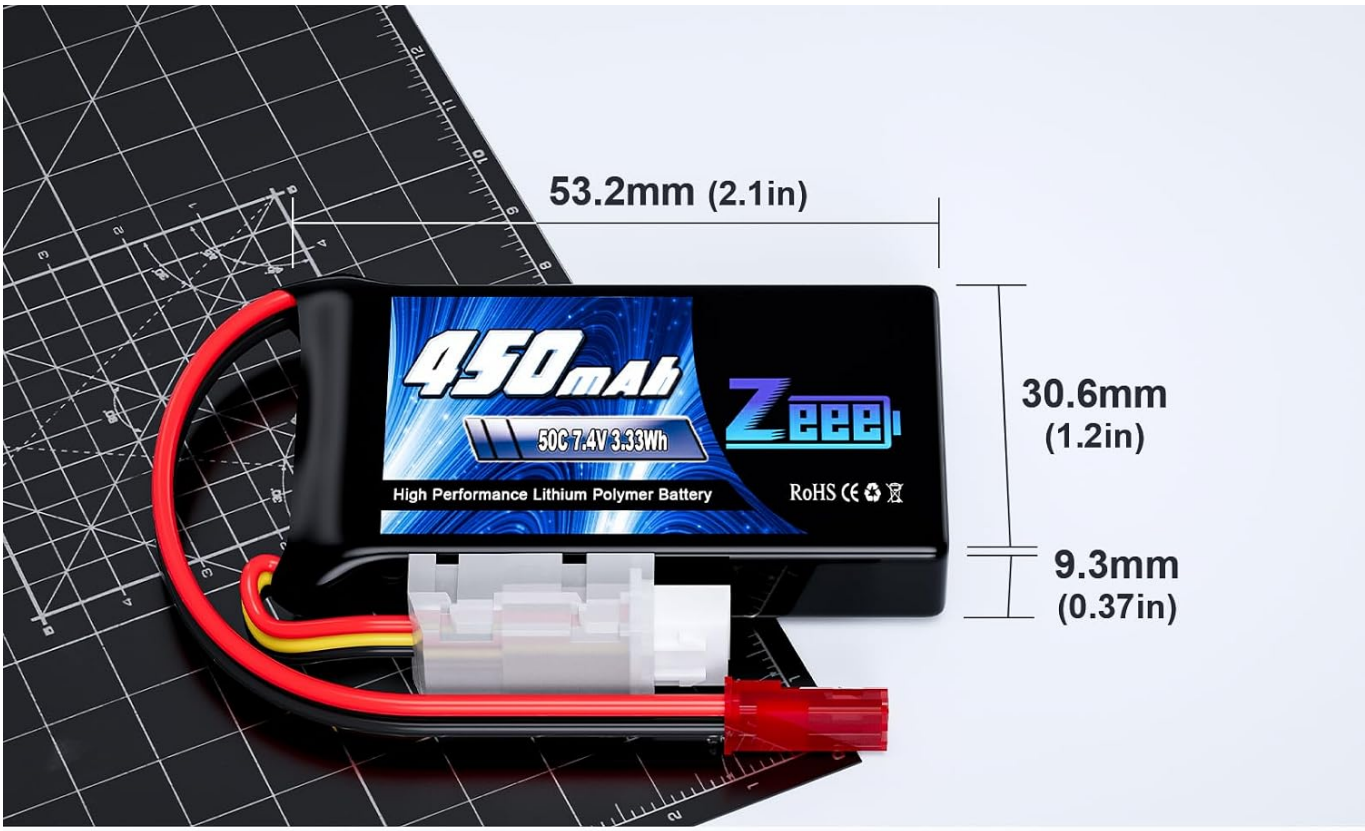
- **High Performance:** Features high energy density, high discharge rate (50C), and high safety performance.
- **Compact Design:** Small size and light weight (approx. 30g/1.1oz) for various applications.
- **Extended Life:** Designed for longer flight times and a cycle life of over 400 times.
- **JST Connector:** Equipped with a JST connector for compatibility.



Image: Four Zeee 2S 450mAh Lipo batteries.

2.3 Product Dimensions and Details

- **Dimensions (L*W*H):** 53.2 x 30.6 x 9.3 mm (2.1 x 1.2 x 0.37 inches)
- **Weight:** Approximately 30g (1.1 oz)
- **Configuration:** 2S1P
- **Cell Voltage:** 3.2V (minimum) to 4.2V (maximum)
- **Connectors:** JST discharge plug, JST-XH balance connector
- **Wire Gauge:** 20AWG



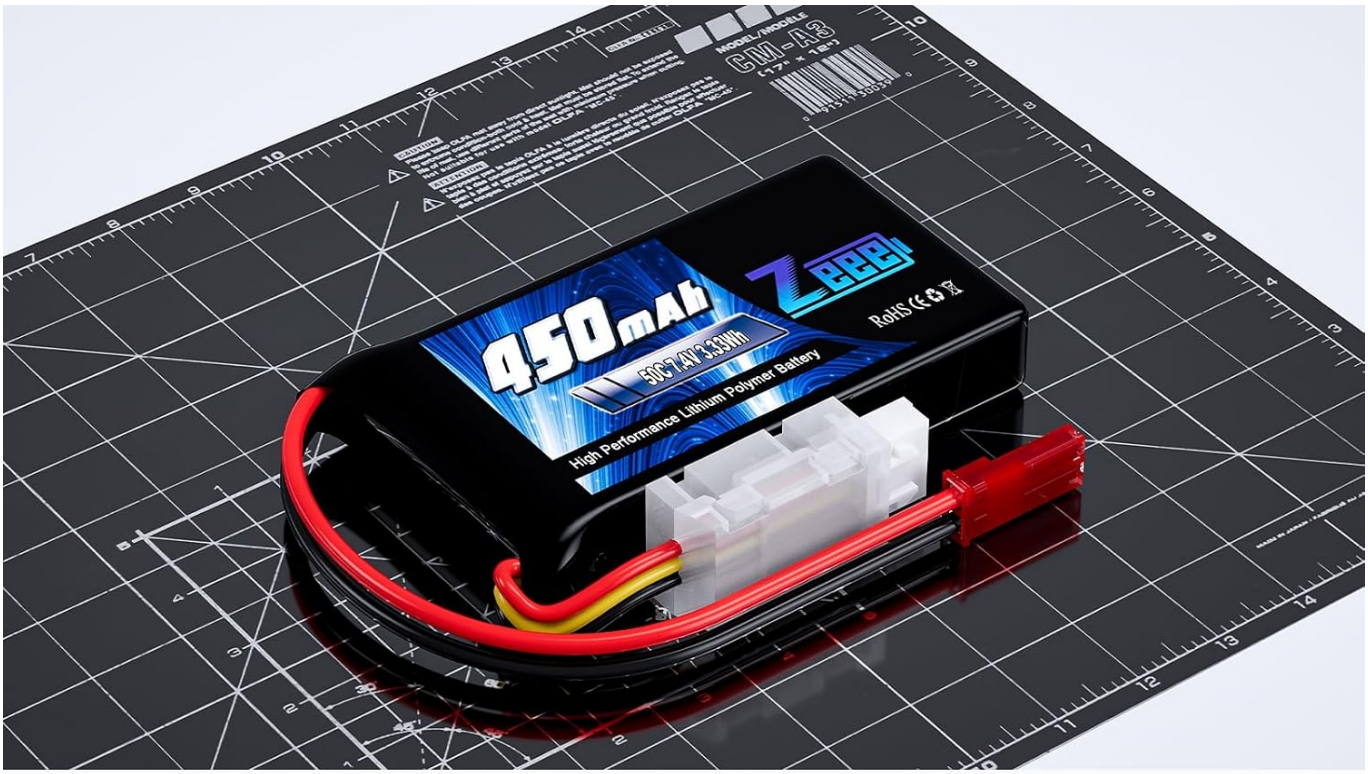
Product Dimensions

Zeee RC Lipo Battery, Highest Performance for Your RC Models

Battery Dimension: 53.2*30.6*9.3mm / 2.1*1.2*0.37in
Battery Weight: 30g (1.1oz)

450mAh	50C	7.4V	2S1P
Battery Capacity	Continuous Rate	Battery Voltage	Configuration

Image: Detailed dimensions of the Zeee Lipo battery.



Product Details

Zeee Lipo Battery, Upgraded Series for More Enjoyment



Image: Product details highlighting the JST-XH, JST connectors, soft case, and 20AWG wiring.

3. Setup and Initial Use

3.1 Initial Inspection

Upon receiving your Zeee Lipo batteries, carefully inspect each battery for any signs of damage, such as swelling, punctures, or frayed wires. Do not use any battery that appears damaged.

3.2 Connecting the Battery

Ensure the JST plug on the battery matches the connector on your RC model or charger. Connect the JST plug firmly. For charging, also connect the JST-XH balance connector to your balance charger.

4. Operation

4.1 Charging Instructions

1. **Use a LiPo Balance Charger:** Always use a charger specifically designed for Lithium Polymer batteries with a

balance charging function.

2. **Connect Battery:** Connect the main JST discharge plug and the JST-XH balance plug to the charger.
3. **Set Charge Rate:** Set the charger to a charge rate of 0.5C to 1C. For a 450mAh battery, 0.5C is 0.225A and 1C is 0.45A.
4. **Monitor Charging:** Never leave the battery unattended during charging. Observe the battery for any signs of swelling or overheating.
5. **Disconnect:** Once charging is complete, disconnect the battery from the charger.



Image: Zeee Lipo battery connected to a balance charger, demonstrating proper charging setup.

4.2 Discharging and Usage

Connect the battery to your RC model. Ensure the voltage, dimensions, and plug type match the requirements of your model. Avoid over-discharging the battery below 3.2V per cell, as this can permanently damage the battery.

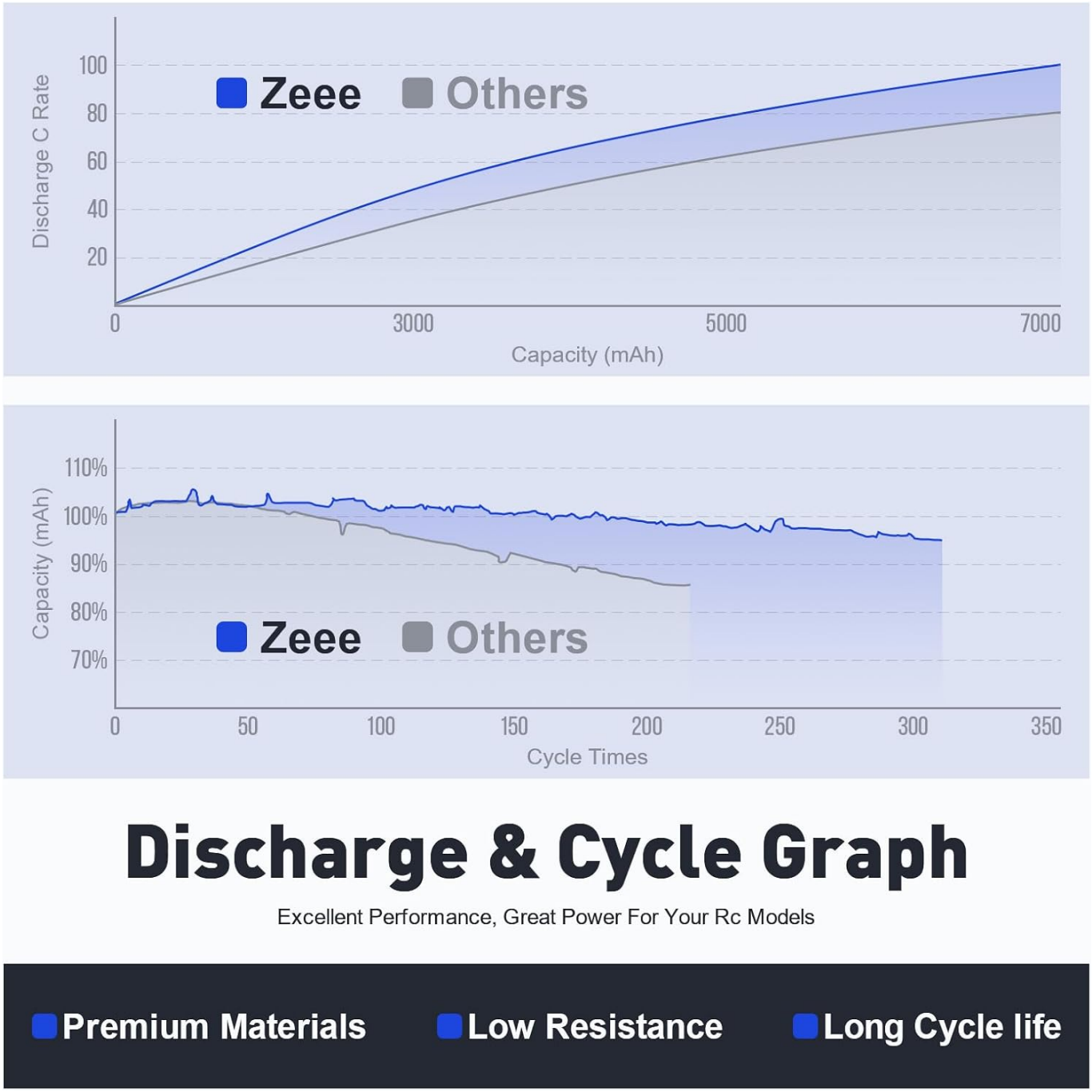


Image: Discharge and cycle graph illustrating the performance of Zeee batteries.

4.3 Compatible Applications

These Zeee 450mAh 2S Lipo batteries are compatible with a wide range of RC models, including:

- FPV Drones
- Quadcopter
- Helicopters
- Airplanes
- RC Boats
- RC Cars and Trucks

Important: Always verify that the voltage, dimensions, and plug type of the battery match the specifications of your specific RC model before use.



Image: Examples of RC models compatible with Zeee Lipo batteries.

5. Maintenance and Storage

5.1 General Care

- Keep batteries clean and dry.
- Avoid physical impact or dropping the batteries.
- Regularly inspect connectors and wires for wear or damage.

5.2 Storage Recommendations

- **Storage Voltage:** For long-term storage, charge or discharge the battery to its storage voltage (typically 3.8V per cell).
- **Temperature:** Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Safety:** Store batteries in a fire-safe container or LiPo-safe bag.

6. Troubleshooting

If you encounter issues with your Zeee Lipo battery, consider the following:

- **Battery Not Charging:** Ensure the charger settings are correct for LiPo batteries (voltage, cell count, charge rate). Check all connections for proper seating.
- **Reduced Run Time:** This could indicate an aging battery, over-discharging, or improper charging. Ensure you are not over-discharging the battery during use.
- **Battery Swelling:** Immediately discontinue use and charging of any swollen battery. Swelling indicates internal damage and a significant safety risk. Dispose of it safely.
- **Overheating:** If the battery becomes excessively hot during charging or discharge, stop immediately. Check for short circuits or incorrect charger settings.

7. Specifications

Feature	Specification
Battery Voltage	7.4V
Configuration	2S1P
Capacity	450mAh
Discharge Rate	50C
Discharge Plug	JST Connector
Balance Connector	JST-XH
Dimensions (L*W*H)	53.2 x 30.6 x 9.3 mm (2.1 x 1.2 x 0.37 inches)
Approx. Weight	30g (1.1 oz)
Battery Cell Composition	Lithium Polymer
Manufacturer	Zeee Power



Image: Visual representation of Zeee 2S 450mAh Lipo Battery specifications.

8. Warranty and Support

Zeee is committed to providing high-quality products and customer satisfaction. If you experience any issues with your Zeee Lipo battery, please contact us through the following methods:

- **Amazon Orders:** Go to "Your Orders" and click the "Contact Seller" option for your purchase.
- **Storefront Inquiry:** Click "Ask a question" on the Zeee storefront page.

We aim to respond to all inquiries within 24 hours.

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