

[Manuals.plus](#) /

› [Zeee](#) /

› Zeee 11.1V 80C 3S 6000mAh Lipo Battery Hard Case Battery with EC5 Connector for RC 1/8 1/10 Scale Vehicles Car Trucks Boats(2 Pack) - Instruction Manual

## Zeee SDL-6034125

# Zeee 11.1V 80C 3S 6000mAh Lipo Battery Instruction Manual

MODEL: SDL-6034125

Brand: Zeee

## INTRODUCTION

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This manual provides essential information for the safe and effective use of your Zeee 11.1V 80C 3S 6000mAh Lipo Battery. Designed for high-performance RC vehicles, this battery offers reliable power and durability. Please read this manual thoroughly before using the product to ensure proper handling, charging, and maintenance, which will extend the battery's lifespan and ensure user safety.



Image: Two Zeee 11.1V 80C 6000mAh Lipo Batteries, showcasing their hard case design and EC5 connectors.

## SAFETY WARNINGS

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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 the entire safety manual before using the battery.
- **Charger Type:** You must use a Lithium Polymer (LiPo) specific balance charger only. Do not use NiMH, NiCd, or other battery 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, heat sources, and flammable materials.
- **Physical Damage:** Do not puncture, drop, short-circuit, or disassemble the battery. If the battery is damaged, swollen, or leaking, discontinue use immediately and dispose of it safely.
- **Storage:** Store batteries in a fireproof container or bag, away from children and pets, at room temperature and at a storage charge (typically 3.8V per cell).

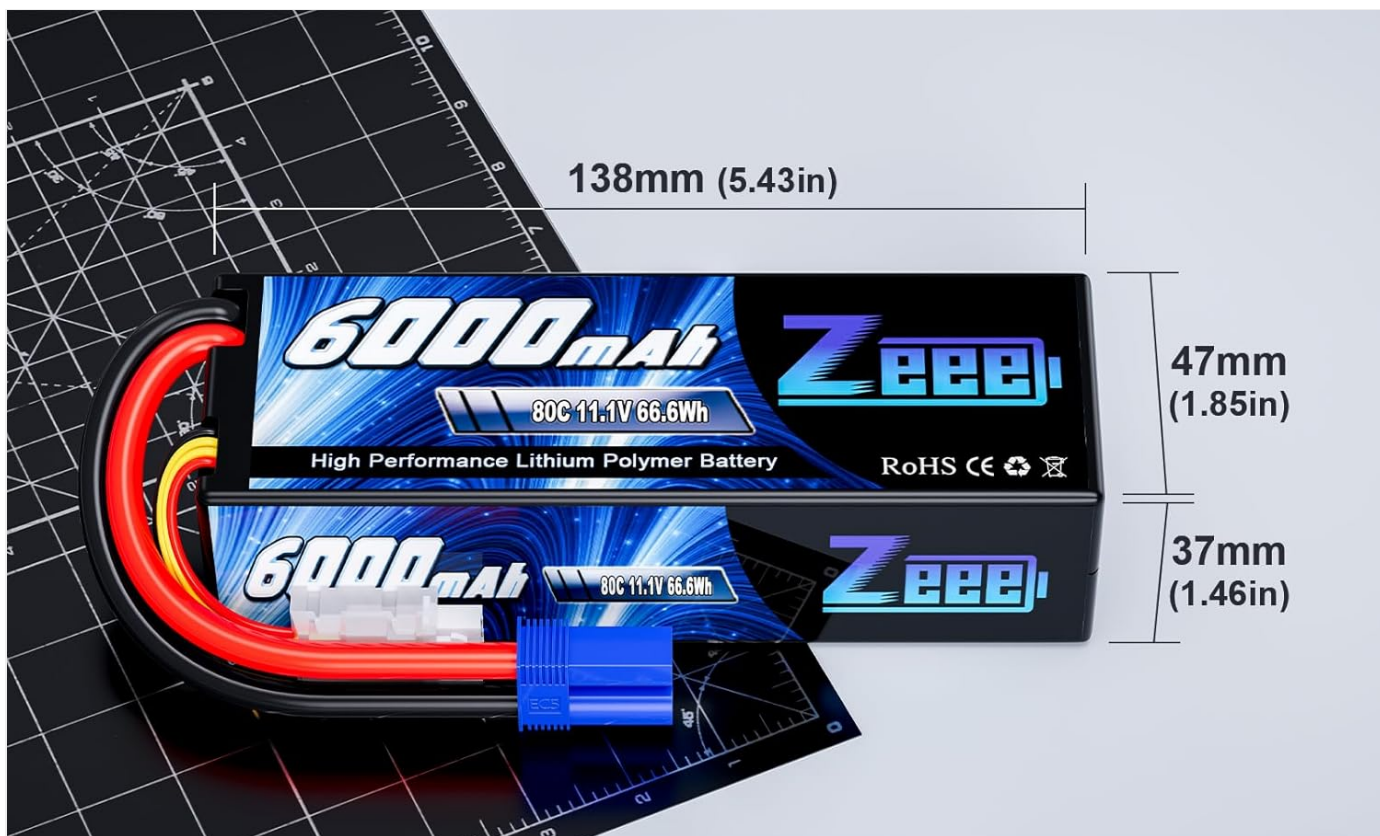
- **Disposal:** Dispose of damaged or depleted LiPo batteries according to local regulations. Never throw them in household trash.

## SPECIFICATIONS

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Detailed technical specifications for your Zeee 11.1V 80C 3S 6000mAh Lipo Battery:

Feature	Value
Battery Voltage	11.1V
Configuration	3S1P
Cell Voltage Range	3.2V - 4.2V
Capacity	6000mAh
Discharge Rate	80C
Plug Type	EC5 Connector
Balance Connector	JST-XH
Dimensions (L*W*H)	138mm * 47mm * 37mm (5.43in * 1.85in * 1.46in)
Approx. Weight	410g (14.47oz)
Battery Cell Composition	Lithium Polymer
Recommended Uses	Remote Control Vehicles (1/8 and 1/10 scale)
Model Number	SDL-6034125



## Product Dimensions

Zeee RC Lipo Battery, Highest Performance for Your RC Models

Battery Dimension: 138\*47\*37mm / 5.43\*1.85\*1.46in  
Battery Weight: 410g (14.47oz)

**6000mAh**  
Battery Capacity

**80C**  
Continuous Rate

**11.1V**  
Battery Voltage

**3S1P**  
Configuration

Image: Detailed dimensions of the Zeee 6000mAh 3S Lipo battery, showing length, width, and height measurements.

## SETUP

Before first use, ensure your battery is properly prepared.

- Unboxing and Inspection:** Carefully remove the batteries from the packaging. Inspect them for any signs of physical damage, swelling, or leaks. Do not use if any damage is observed.
- Initial Charge:** For optimal performance and safety, it is recommended to fully charge the battery before its first use. Use a compatible LiPo balance charger and set the charge rate to 0.5-1C (e.g., for a 6000mAh battery, charge at 3.0A to 6.0A).
- Connector Check:** Ensure the EC5 connector on the battery is clean and free from debris. The JST-XH balance connector should also be checked for proper pin alignment.
- Compatibility:** Verify that your RC vehicle's ESC (Electronic Speed Controller) and motor are compatible with 3S (11.1V) LiPo batteries and the EC5 connector type.



# Product Details

Zeee Lipo Battery, Upgraded Series for More Enjoyment

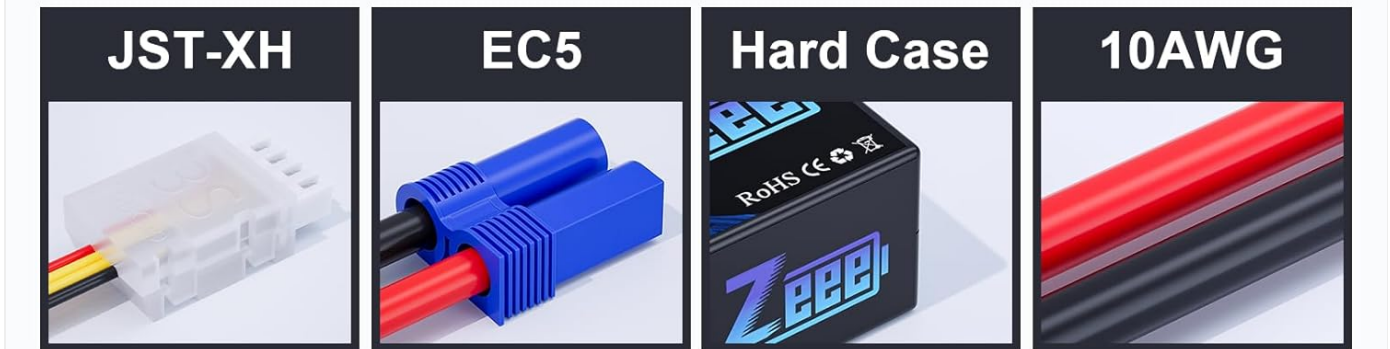


Image: A close-up view highlighting the JST-XH balance connector, EC5 discharging plug, hard case, and 10AWG wires of the Zeee Lipo battery.

## OPERATING

Using your Zeee Lipo battery in your RC vehicle.

1. **Installation:** Securely install the battery in your RC vehicle's battery compartment. Ensure it is snug and cannot shift during operation.
2. **Connection:** Connect the EC5 connector from the battery to the corresponding connector on your RC vehicle's ESC. Then, if applicable, connect the balance lead to your vehicle's balance port or a separate monitoring device.
3. **Compatible Vehicles:** This battery is specially compatible with 1/8 and 1/10 scale RC cars, Losi, Slash, HPI Strada XB 1/10 RTR Electric Buggy, Team Associated, Axial, Duratrax, Emaxx, Bandit, and Rustler versions. Always ensure the voltage, dimensions, and plug type match your specific model.
4. **Monitoring:** During operation, avoid over-discharging the battery. Most ESCs have a low-voltage cutoff (LVC) feature for LiPo batteries. Ensure this is set correctly to prevent damage.

5. **Disconnection:** After use, always disconnect the battery from the vehicle.



## 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.



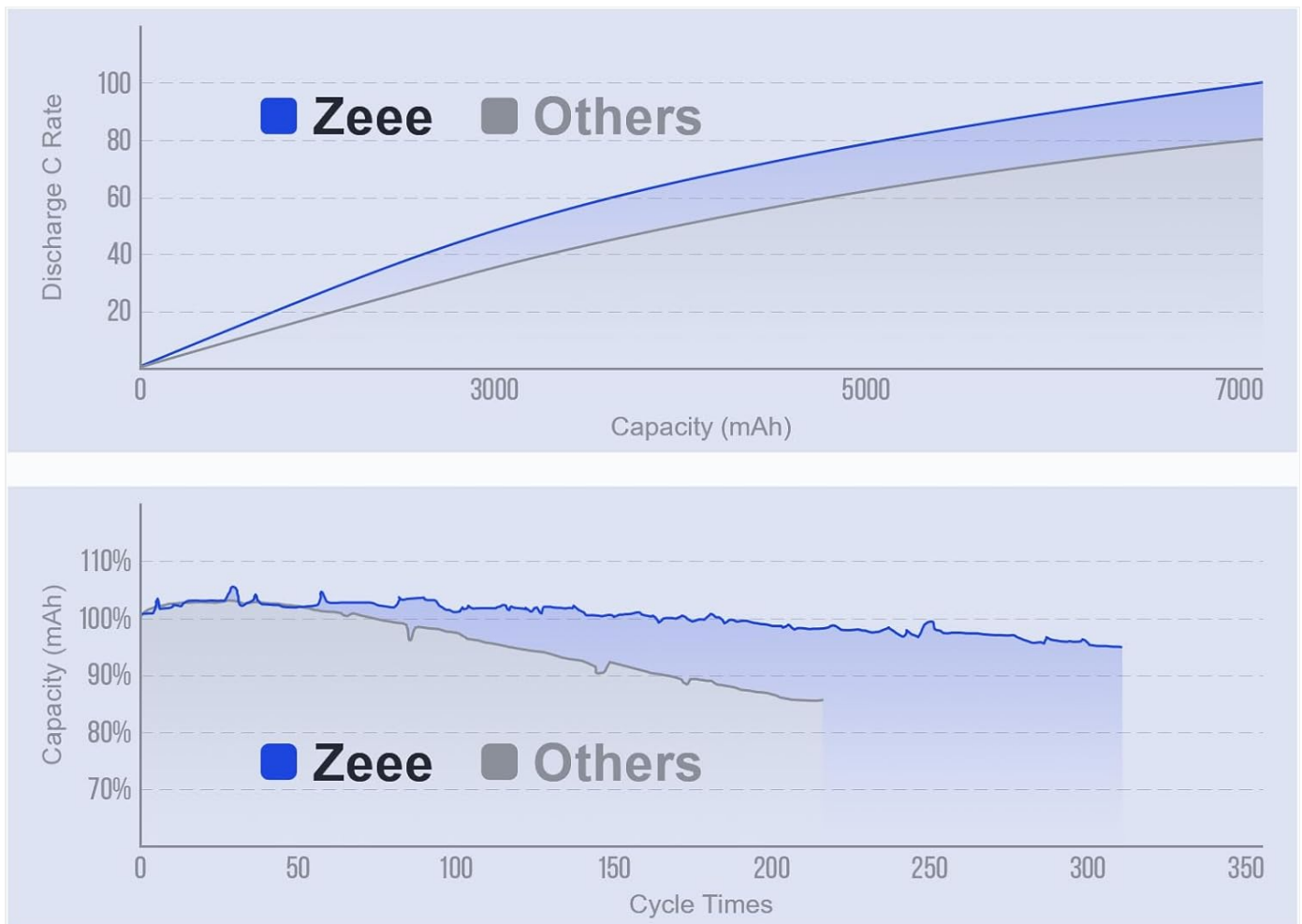
Image: An illustration showing the Zee Lipo battery powering various RC models such as cars, airplanes, boats, and helicopters, demonstrating its versatility.

## MAINTENANCE

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

- **Storage Charge:** For long-term storage, charge or discharge the battery to its storage voltage (typically 3.8V per cell). Do not store fully charged or fully discharged.
- **Storage Environment:** Store batteries in a cool, dry place, away from direct sunlight, heat, and moisture. A fireproof LiPo bag or container is highly recommended.
- **Regular Inspection:** Periodically inspect your batteries for any signs of swelling, damage to the casing, wires, or connectors. Discontinue use if any issues are found.
- **Avoid Over-Discharge:** Never discharge the battery below 3.2V per cell. Over-discharging can permanently damage the battery.

- **Balance Charging:** Always use the balance charging function of your LiPo charger to ensure all cells are charged equally, which helps maintain battery health.



# Discharge & Cycle Graph

Excellent Performance, Great Power For Your Rc Models

- Premium Materials
- Low Resistance
- Long Cycle life

Image: Graphs illustrating the discharge C-rate and capacity retention over cycle times, comparing Zeee batteries favorably against other brands, indicating good performance and long cycle life.

## TROUBLESHOOTING

Common issues and potential solutions for your Zeee Lipo battery.

- **Battery Not Charging:**
  - Ensure the charger is properly connected and powered.
  - Check all battery connectors (EC5 and JST-XH) for secure connection and damage.
  - Verify charger settings are correct for a 3S LiPo battery.
  - If the battery is severely over-discharged, some chargers may refuse to charge it for safety reasons.

- **Reduced Run Time:**

- Battery may be aging; LiPo batteries have a finite number of charge cycles.
- Ensure the battery is fully charged and balanced before use.
- Check for excessive current draw from your RC vehicle (e.g., motor issues, binding drivetrain).
- Environmental factors like cold weather can temporarily reduce capacity.

- **Battery Swelling:**

- **IMMEDIATELY DISCONTINUE USE.** Swelling indicates internal damage, often due to overcharging, over-discharging, or physical abuse.
- Move the swollen battery to a safe, non-flammable location (e.g., outside in a fireproof container).
- Do not attempt to charge or use a swollen battery. Dispose of it safely according to local regulations.

- **Overheating During Use:**

- This can be a sign of excessive current draw from your RC vehicle or an internal battery issue.
- Check your vehicle's motor, ESC, and gearing for proper setup and efficiency.
- If the battery consistently overheats, discontinue use and inspect for damage.

## WARRANTY AND SUPPORT

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Zeee is committed to providing high-quality products. If you encounter any issues with your Zeee 11.1V 80C 3S 6000mAh Lipo Battery, please refer to the following support options:

- **Contacting Seller:** For any product problems or inquiries, please contact us directly through your purchase platform. On Amazon, you can:
  - a. Go to "Your Orders" and click the "Contact Seller" option next to your purchase.
  - b. Alternatively, click "Ask a question" on our storefront page.

We aim to respond to all inquiries within 24 hours.

- **Return Policy:** This product is typically covered by a 30-day return policy for refunds or replacements, subject to the terms and conditions of your purchase platform.
- **Manufacturer Support:** For additional information or specific technical assistance, please visit the official Zeee website or contact their customer service channels.

