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› Zeee 6S 6000mAh 22.2V 100C LiPo Battery Instruction Manual

Zeee 22.2V 100C 6000mAh

Zeee 6S 6000mAh 22.2V 100C LiPo Battery Instruction Manual

Model: 22.2V 100C 6000mAh

Brand: Zeee

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Zeee 6S 6000mAh 22.2V 100C LiPo Battery. Please read this manual thoroughly before operating the battery to ensure proper handling, charging, and storage, which will maximize performance and lifespan while minimizing risks.

2. SAFETY WARNINGS

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

- Users must read the safety manual before using the battery.
- You must use a Lithium Polymer (LiPo) specific balance charger only.
- The suggested charge rate is 0.5 - 1C. Never exceed 5C.
- Never charge the battery unattended.
- Do not puncture, disassemble, short-circuit, or expose the battery to extreme temperatures or direct sunlight.
- Store batteries in a fireproof container or LiPo safe bag away from flammable materials.
- If the battery swells, leaks, or shows any signs of damage, discontinue use immediately and dispose of it properly.

3. PRODUCT SPECIFICATIONS



Product Dimensions

Zeee RC Lipo Battery, Highest Performance for Your RC Models

Battery Dimension: 155.5*48.5*51.5mm / 6.12*1.91*2.03in
Battery Weight: 833g (29.38oz)

6000mAh
Battery Capacity

100C
Continuous Rate

22.2V
Battery Voltage

6S1P
Configuration

Image: Zeee 6S 6000mAh LiPo Battery with detailed dimensions.

Specification	Value
Battery Voltage	22.2V
Configuration	6S1P
Cell Voltage Range	3.2V ~ 4.2V
Capacity	6000mAh
Discharge Rate	100C
Connector Type	EC5 Plug
Dimensions (L*W*H)	155.5 x 48.5 x 51.5 mm (6.12 x 1.91 x 2.03 inches)
Approx. Weight	833g (29.38 oz)
Battery Cell Composition	Lithium Polymer
Recommended Use	Remote Control Vehicles

4. PRODUCT FEATURES & DETAILS

The Zeee 6S 6000mAh LiPo battery is engineered for high performance and durability. Key features include:

- **JST-XH Balance Connector:** For precise cell balancing during charging.
- **EC5 Discharge Connector:** Ensures a secure and high-current connection.
- **Soft Case Design:** Provides flexibility and reduces weight.
- **10AWG Wires:** Heavy-duty wiring for efficient power transfer.
- **High Performance:** Designed for excellent discharge rates and long cycle life.



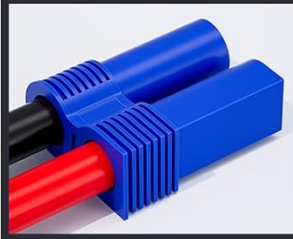
Product Details

Zeee Lipo Battery, Upgraded Series for More Enjoyment

JST-XH



EC5



Soft Case



10AWG

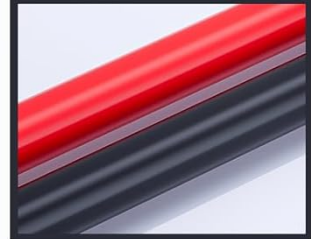
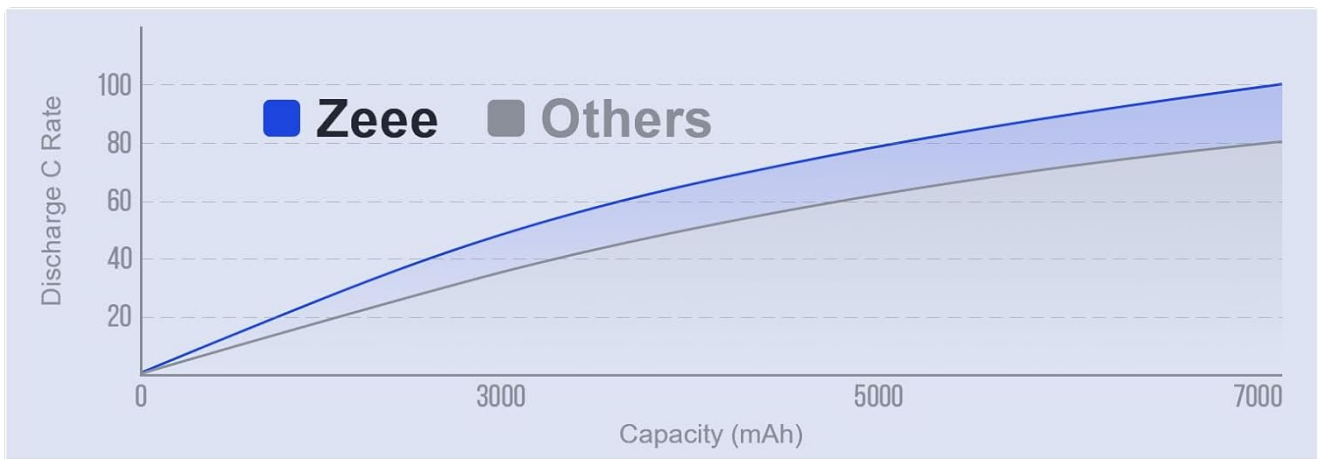


Image: Detailed view of Zee LiPo battery connectors and construction.



Discharge & Cycle Graph

Excellent Performance, Great Power For Your Rc Models

Premium Materials **Low Resistance** **Long Cycle life**

Image: Performance graphs illustrating discharge and cycle life characteristics.

5. APPLICATIONS

The Zeee 6S 6000mAh LiPo battery is suitable for a wide range of remote-controlled models requiring high power and endurance. Ensure the voltage, dimensions, and connector type match your model's requirements before use.

- RC Cars and Trucks
- RC Boats
- RC Airplanes (e.g., Align T-REX 550/700E F3C/700L/800E)
- Quadcopter Drones



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: Examples of RC models compatible with the Zee LiPo battery.

6. PACKAGE CONTENTS

Upon opening your Zee LiPo battery package, you should find the following items:

- 2x Zee 22.2V 100C 6000mAh LiPo Battery with EC5 Connector
- 1x User Manual (this document)
- 1x Wrapped Box



Package Included:

22.2V 100C 6000mAh Lipo Battery X2
User Manual X1 Wrapped Box X1

Image: What's included in the Zeee LiPo battery package.

7. SETUP & FIRST USE

1. **Inspect the Battery:** Before first use, carefully inspect the battery for any physical damage, swelling, or leaks. Do not use if damaged.
2. **Charge the Battery:** Fully charge the battery using a LiPo-compatible balance charger before its first use. Refer to the "Charging & Maintenance" section for details.
3. **Connect to RC Model:** Ensure your RC model's ESC (Electronic Speed Controller) is compatible with 6S LiPo batteries and has an EC5 connector. Connect the battery's EC5 plug to the ESC and the balance lead to your balance port if applicable for monitoring.
4. **Secure the Battery:** Place the battery securely in your RC model's battery compartment to prevent movement during operation.

8. OPERATING INSTRUCTIONS

1. **Monitor Voltage:** Always monitor the battery voltage during operation. Do not discharge below 3.2V per cell

(19.2V for a 6S battery) to prevent irreversible damage.

2. **Avoid Over-Discharge:** Most ESCs have a low-voltage cutoff (LVC) feature. Ensure this is set correctly for LiPo batteries to prevent over-discharge.
3. **Temperature Management:** Avoid operating the battery in extremely hot conditions. If the battery becomes excessively hot during use, allow it to cool down before recharging or further use.
4. **Post-Use Inspection:** After each use, inspect the battery for any signs of damage or swelling. Allow the battery to cool down before recharging.

9. CHARGING & MAINTENANCE



Image: Recommended charging setup with a balance charger.

Charging

- Always use a LiPo-compatible balance charger.
- Connect the main discharge plug (EC5) and the balance lead to the charger.
- Set the charger to the correct cell count (6S) and voltage (22.2V).
- Set the charge current to 0.5C to 1C (e.g., for a 6000mAh battery, 3A to 6A).
- Never leave charging batteries unattended.
- Charge on a fire-resistant surface and inside a LiPo safe bag.

Storage

- For long-term storage, charge or discharge the battery to storage voltage (typically 3.8V-3.85V per cell).
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use a LiPo safe bag or fireproof container for storage.

General Maintenance

- Regularly inspect connectors and wires for damage.
- Keep the battery clean and free from dirt or moisture.
- Do not attempt to repair damaged batteries.

10. TROUBLESHOOTING

- **Battery Not Charging:** Ensure all connections are secure, the charger settings are correct (LiPo mode, 6S, correct current), and the battery is not severely over-discharged.
- **Reduced Run Time:** This can indicate an aging battery, improper charging, or an issue with the RC model's power system. Check for proper cell balance.
- **Battery Swelling:** Immediately discontinue use and safely dispose of the battery. Swelling indicates internal damage and a potential fire hazard.
- **Overheating:** If the battery overheats during use or charging, stop immediately. Allow it to cool down. Overheating can be caused by excessive discharge rates, short circuits, or faulty charging.

11. ZEEE MANUFACTURING PROCESS

Watch this video to learn more about the manufacturing process and quality control behind Zeee LiPo batteries.

Your browser does not support the video tag.

Video: Zeee LiPo Battery manufacturing process by ZEEE POWER Direct.

12. SUPPORT

For any product problems or inquiries, please contact Zeee Power Direct customer support:

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

Customer support aims to respond within 24 hours.