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> Zeee 3S 5200mAh 11.1V 80C LiPo Battery with XT60 Connector User Manual

Zeee 11.1V 80C 5200mAh

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Brand: Zeee | Model: 11.1V 80C 5200mAh

INTRODUCTION

This manual provides essential information for the safe and effective use of your Zeee 3S 5200mAh 11.1V 80C LiPo Battery with XT60 Connector. Please read all instructions carefully before operating the battery to ensure proper function and to prevent damage or injury. Retain this manual for future reference.

SAFETY WARNINGS

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.

- Users must read this safety manual before using the battery.
- Use only a Lithium Polymer (LiPo) specific balance charger. Do not use NiMH, NiCd, or lead-acid chargers.
- The suggested charge rate is 0.5 - 1C. Exceeding this rate 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.
- Do not puncture, disassemble, short-circuit, or expose the battery to extreme temperatures or direct sunlight.
- If the battery swells, leaks, or shows any signs of damage, discontinue use immediately and dispose of it properly.
- Keep batteries away from children and pets.

PRODUCT OVERVIEW

The Zeee 3S 5200mAh 11.1V 80C LiPo Battery is designed for high-performance remote control applications. It features a hard case for enhanced durability and an XT60 connector for reliable power delivery.



Image: The Zeee 3S 5200mAh 11.1V 80C LiPo Battery, showcasing its hard case design and XT60 connector.

Key Features

- **Battery Voltage:** 11.1V (3S)
- **Capacity:** 5200mAh
- **Discharge Rate:** 80C
- **Configuration:** 3S1P
- **Connector Type:** XT60 Plug
- **Balance Connector:** JST-XH
- **Construction:** Hard Case for durability
- **Wire Gauge:** 12AWG



Product Details

Zeee Lipo Battery, Upgraded Series for More Enjoyment

JST-XH



XT60



Hard Case



12AWG

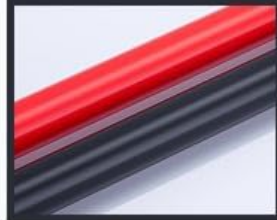


Image: A close-up view detailing the JST-XH balance connector, XT60 discharge plug, hard case construction, and 12AWG wiring of the Zeee LiPo battery.

SETUP

Initial Inspection

Upon receiving your battery, carefully inspect it for any signs of damage, such as swelling, punctures, or bent connectors. Do not use a damaged battery.

Initial Charging

Before first use, it is recommended to fully charge the battery using a compatible LiPo balance charger. Follow the instructions provided with your charger. The suggested charge rate is 0.5-1C (e.g., for a 5200mAh battery, charge at 2.6A to 5.2A).



Video: An official Zeee Power video demonstrating the manufacturing process and various applications of Zeee LiPo batteries, including installation in RC vehicles and use in boats and cars.

OPERATING INSTRUCTIONS

Connecting the Battery

Ensure your RC model is compatible with a 3S (11.1V) LiPo battery and has an XT60 connector. Connect the battery's XT60 plug to your RC model's ESC (Electronic Speed Controller). Always ensure the polarity is correct.



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: A Zeee LiPo battery securely installed within the battery compartment of an RC car, demonstrating a typical application.

Discharging

Monitor the battery voltage during use. Do not allow the voltage to 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 to prevent over-discharge.

MAINTENANCE AND STORAGE

- **Storage Voltage:** For long-term storage, charge or discharge the battery to its storage voltage, typically 3.8V per cell (11.4V for a 3S battery).
- **Storage Environment:** Store the battery in a cool, dry place, away from direct sunlight, heat sources, and flammable materials. A LiPo-safe bag or container is recommended.
- **Regular Inspection:** Periodically inspect the battery for any physical damage or swelling.

- **Connector Care:** Keep connectors clean and free from corrosion.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Battery not charging	Incorrect charger settings, damaged battery, faulty charger/cables.	Verify charger settings (LiPo mode, correct cell count). Inspect battery and cables for damage. Try a different charger if available.
Battery swells during charging/use	Overcharging, over-discharging, internal damage, excessive heat.	Immediately discontinue use and charging. Safely dispose of the battery. Swelling indicates a serious safety risk.
Short runtime	Battery degradation, over-discharge, high current draw, cold temperature.	Ensure proper charging. Check ESC LVC settings. Avoid extreme cold. Consider battery replacement if degradation is significant.
Battery gets hot	High discharge rate, internal resistance, short circuit.	Reduce load on the battery. Check for short circuits in the RC model. If overheating persists, discontinue use and inspect the battery.

SPECIFICATIONS

Specification	Value
Battery Voltage	11.1V
Configuration	3S1P
Capacity	5200mAh
Discharge Rate	80C
Connector Type	XT60 Plug
Balance Connector	JST-XH
Dimensions (L*W*H)	138 x 47 x 37 mm (5.43 x 1.85 x 1.46 inches)
Approximate Weight	380g (13.4 ounces)
Recommended Charge Rate	0.5 - 1C

WARRANTY AND SUPPORT

For any product problems or inquiries, please contact Zeee customer support. You can reach us through the following methods:

- **Online:** Navigate to your order history and select the "Contact Seller" option.

- **Storefront:** Visit the Zeee storefront and click "Ask a question."

We aim to respond to all inquiries within 24 hours.