

[Manuals.plus](#) /

> [Jamara](#) /

> JAMARA AX8 Lipo Battery User Manual (Model 423193)

Jamara AX8 Lipo 423193

JAMARA AX8 Lipo Battery User Manual

Model: 423193

INTRODUCTION

This manual provides essential information for the safe and effective use of your JAMARA AX8 Lipo Battery. This lithium-polymer battery is designed to deliver high energy content with low self-discharge, making it suitable for various model applications such as quadcopters, drones, helicopters, and model cars. Please read these instructions carefully before use to ensure optimal performance and longevity of your battery.

SAFETY INFORMATION

Warning: This product is not a toy.

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

- Do not puncture, drop, short-circuit, or disassemble the battery.
- Do not expose the battery to extreme temperatures, direct sunlight, or moisture.
- Always use a LiPo-compatible charger and follow its instructions.
- Never leave charging batteries unattended.
- Store batteries in a cool, dry place, away from flammable materials.
- If the battery swells, leaks, or shows any signs of damage, discontinue use immediately and dispose of it properly.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x JAMARA AX8 Lipo Battery (3.7V, 300mAh)

SETUP

The JAMARA AX8 Lipo Battery is designed for quick integration into compatible models.

1. **Initial Charge:** Before first use, fully charge the battery using a compatible LiPo charger. Refer to your charger's manual for specific charging procedures.
2. **Connecting to Model:** Carefully align the battery connector with the corresponding port on your model (e.g., quadcopter, drone). Ensure a secure connection. Do not force the connector.





Image: Close-up of the battery's connector. This white two-pin connector ensures a secure and reliable power supply to your model.



Image: The JAMARA AX8 Lipo battery with indicated dimensions. The battery measures approximately 3.5 cm in length, 2 cm in width, and 0.8 cm in height, making it compact for various model applications.

OPERATION

Once the battery is charged and securely connected to your model, you can begin operation.

- Ensure your model's power switch is in the OFF position before connecting the battery.
- After connecting the battery, turn on your model's power switch.
- Monitor battery performance during use. If you notice a significant drop in power or performance, it indicates the battery is nearing depletion.
- Avoid completely discharging the battery, as this can damage LiPo cells. The integrated Battery

Management System (BMS) helps protect against deep discharge.

- Disconnect the battery from the model after each use.

MAINTENANCE

Proper maintenance extends the life and performance of your LiPo battery.

- **Charging:** Always use a charger specifically designed for LiPo batteries. Follow the charger's instructions for correct voltage and current settings.
- **Storage:** For long-term storage, charge the battery to a 'storage voltage' (typically around 3.8V per cell). Store in a cool, dry place, ideally in a fire-resistant LiPo bag.
- **Inspection:** Regularly inspect the battery for any signs of damage, swelling, or connector wear. Do not use a damaged battery.
- **Disposal:** Dispose of old or damaged LiPo batteries responsibly according to local regulations. Never throw them in household waste.

TROUBLESHOOTING

If you encounter issues with your JAMARA AX8 Lipo Battery, consider the following:

- **Battery not charging:**
 - Ensure the charger is properly connected and functioning.
 - Verify the battery connector is clean and securely attached to the charger.
 - Check if the charger settings are correct for a 3.7V LiPo battery.
- **Low power or short run time:**
 - Ensure the battery is fully charged before use.
 - The battery may be old or degraded. LiPo batteries have a finite number of charge cycles.
 - Check for any damage to the battery or its connectors.
- **Battery swelling:**
 - Immediately discontinue use. Swelling indicates internal damage and a potential safety hazard.
 - Dispose of the battery safely according to local regulations.

SPECIFICATIONS

Feature	Specification
Technology	Li-Polymer
Capacity	300 mAh
Voltage	3.7 V
Power	1.11 Wh
Model Number	423193
Model Name	AX8 Lipo

Feature	Specification
Dimensions (L x W x H)	35 mm x 20 mm x 8 mm (1.38 x 0.79 x 0.31 inches)
Weight	Approximately 0.01 Kilograms
Reusability	Rechargeable
Recommended Use	Drone, RC Models

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your original purchase or visit the official Jamara website. Keep your proof of purchase for any warranty claims.