Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

CS 1800mAh Li-Polymer Battery

CS 1800mAh Li-Polymer Battery User Manual

For MJX B6 Race, B8 Race, Bugs 6, Bugs 8 Drones

1. Introduction

This manual provides essential instructions for the safe and effective use, maintenance, and troubleshooting of your CS 1800mAh Li-Polymer battery. Please read this manual thoroughly before using the battery to ensure optimal performance and safety. This battery is designed for compatibility with MJX B6 Race, B8 Race, Bugs 6, and Bugs 8 drone models.

2. Product Overview

The CS 1800mAh Li-Polymer battery is a high-capacity, rechargeable power source for compatible drone models. Its design focuses on providing reliable power for extended flight times.



Image 1: CS 1800mAh Li-Polymer Battery. This image displays the battery unit, highlighting its compact form factor and connector type.

Key Features:

- **Capacity:** 1800mAh
- **Battery Type:** Li-Polymer (Lithium Polymer)
- **Voltage:** 7.4V
- **Energy:** 13.32Wh
- **Dimensions:** 83.65 x 40.70 x 21.25mm
- **Compatibility:** MJX B6 Race, B8 Race, Bugs 6, Bugs 8

3. Setup

3.1 Initial Charging

Before first use, fully charge the battery. Use only a compatible Li-Polymer battery charger designed for 7.4V batteries. Refer to your charger's instruction manual for specific charging procedures.

- Connect the battery to the charger's balance port and main charging port.
- Set the charger to the correct battery type (Li-Po) and voltage (7.4V).
- Set the charging current to 1C (1.8A for this 1800mAh battery) or as recommended by your charger/drone manufacturer.
- Monitor the battery during charging. Never leave charging batteries unattended.

3.2 Battery Installation

Ensure your drone is powered off before installing or removing the battery.

1. Locate the battery compartment on your MJX drone (B6 Race, B8 Race, Bugs 6, or Bugs 8).
2. Carefully insert the CS 1800mAh battery into the compartment, ensuring the connectors align.
3. Connect the battery's power connector to the drone's power input. Ensure a secure connection.
4. Close the battery compartment cover securely.

4. Operating

4.1 General Usage Guidelines

- Always ensure the battery is fully charged before each flight for optimal performance.
- Avoid over-discharging the battery. Stop using the drone when you notice a significant drop in power or when the drone's low-voltage warning activates.
- Do not expose the battery to extreme temperatures (hot or cold).
- If the battery becomes damaged, swollen, or shows any signs of abnormality, discontinue use immediately.

4.2 Safety Precautions

- Never puncture, disassemble, or modify the battery.
- Keep the battery away from flammable materials during charging and discharge.
- Do not short-circuit the battery terminals.
- In case of battery leakage, avoid contact with skin and eyes. Seek medical attention if contact occurs.
- Dispose of batteries responsibly according to local regulations.

5. Maintenance

5.1 Storage

- For long-term storage, charge the battery to a storage voltage of approximately 3.8V per cell (7.6V for a 7.4V battery). Do not store fully charged or fully discharged.
- Store the battery in a cool, dry place, away from direct sunlight and heat sources.
- Store batteries in a fire-safe container or Li-Po safe bag.

5.2 Cleaning

Wipe the battery's exterior with a clean, dry cloth if it becomes dirty. Do not use liquids or solvents directly on the battery.

5.3 Battery Care Tips

- Allow the battery to cool down before recharging after use.
- Avoid rapid charging or discharging cycles that can stress the battery.
- Regularly inspect the battery for any physical damage, swelling, or loose connections.

6. Troubleshooting

6.1 Battery Not Charging

- **Check Charger:** Ensure the charger is properly connected to a power source and functioning correctly.
- **Check Connections:** Verify that the battery is securely connected to the charger's main and balance ports.
- **Charger Settings:** Confirm the charger is set to the correct battery type (Li-Po) and voltage (7.4V).
- **Battery Damage:** Inspect the battery for any visible damage or swelling. If damaged, discontinue use.

6.2 Short Flight Time

- **Full Charge:** Ensure the battery is fully charged before each flight.
- **Battery Age/Cycles:** Li-Po batteries degrade over time and with use. Consider replacing older batteries.
- **Storage Conditions:** Improper storage (e.g., fully charged for long periods) can reduce battery life.
- **Drone Condition:** Check if the drone's motors or propellers are causing excessive drag, leading to higher power consumption.

6.3 Battery Swelling

If the battery appears swollen, immediately discontinue use. This indicates internal damage and a potential safety hazard. Safely dispose of the battery according to local regulations for hazardous waste.

7. Specifications

Feature	Specification
Battery Cell Composition	Lithium Polymer
Battery Capacity	1800 Milliamp Hours (mAh)
Voltage	7.4 Volts (V)

Feature	Specification
Energy	13.32 Watt-hours (Wh)
Dimensions (L x W x H)	83.65 x 40.70 x 21.25 mm
Reusability	Rechargeable
Compatible Devices	MJX B6 Race, B8 Race, Bugs 6, Bugs 8
Manufacturer	CS

8. Warranty Information

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary. Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the documentation provided with your purchase or contact the seller.

9. Support

If you encounter any issues or have questions not addressed in this manual, please contact the seller or manufacturer for assistance. Provide your product model and a detailed description of the issue when seeking support.

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

Open the live page

https://manuals.plus/asin/B08W9NWXWK

More documents and user manuals: **https://manuals.plus/**