

Blomiky 853480

Blomiky 7.4V 2000mAh LiPo Battery Pack Instruction Manual

Model: 853480

1. INTRODUCTION

Thank you for choosing the Blomiky 7.4V 2000mAh LiPo Battery Pack. This manual provides essential information for the safe and effective use, charging, and maintenance of your new batteries. Please read this manual thoroughly before first use to ensure optimal performance and safety.

2. PRODUCT OVERVIEW

The Blomiky 7.4V 2000mAh LiPo Battery Pack includes two high-capacity lithium polymer batteries and two USB charging cables. These batteries are designed as replacements for various RC quadcopters and vehicles, including the Promark P70, Syma X8C, X8W, X8G, X8HC, X8HW, X8HG, X8, and Vivitar DRC-446 drones, as well as other RC cars, trucks, helicopters, and aircraft that utilize compatible voltage, size, and banana plug connectors.

Each battery features a red round banana plug for discharge and a white XH-3P balance charge plug. The red cable on the banana plug is positive, and the black cable is negative.



Image 2.1: Blomiky 7.4V 2000mAh LiPo Battery Pack with charging cables.



Image 2.2: Front view of the Blomiky LiPo battery pack components.

3. SAFETY INFORMATION

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

- **Charging:** Always charge LiPo batteries on a non-flammable surface, away from flammable materials. Never leave charging batteries unattended. Use only the provided or compatible LiPo chargers.
- **Storage:** Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures. Do not store fully charged or fully discharged for extended periods.
- **Handling:** Do not puncture, disassemble, short-circuit, or expose batteries to water or fire. Avoid dropping or subjecting batteries to severe impact.
- **Damage:** If a battery becomes swollen, damaged, or shows any signs of leakage, discontinue use immediately and dispose of it properly.
- **Disposal:** Dispose of LiPo batteries according to local regulations. Never dispose of them in regular household waste.

4. SETUP

Before initial use, ensure the batteries are fully charged. Refer to the 'Charging Instructions' section for details.

1. **Inspect Batteries:** Visually inspect each battery for any signs of damage, swelling, or leakage. Do not use if damaged.
2. **Initial Charge:** Connect the batteries to the provided USB charging cables and a suitable USB power source (e.g., computer USB port, USB wall adapter). Charge until the indicator light signals a full charge.

5. CHARGING INSTRUCTIONS

Use only the provided USB charging cables (Model: LJ-074 1000) with an input of DC 5V 2A and an output of 7.4V 1000mA.

1. **Connect Battery:** Plug the white XH-3P balance charge connector of the LiPo battery into the corresponding port on the USB charging cable.
2. **Connect to Power:** Insert the USB end of the charging cable into a compatible USB power source (e.g., a 5V USB wall adapter, computer USB port, or power bank).
3. **Monitor Indicator:** The charging cable features an indicator light. When charging, the green light will blink. Once the battery is fully charged, the green light will stop blinking and remain solid.
4. **Disconnect:** Once fully charged, disconnect the USB charging cable from the power source, then disconnect the battery from the charging cable.

Important: Do not overcharge or leave batteries charging unattended. Charging time may vary depending on the power source and battery's initial charge level.

Charing manual:

Green light is flashing when charging,
green light stop flashing after full



No charger

Image 5.1: Battery connected to the USB charging cable, illustrating the charging process.

6. USAGE

These batteries are compatible with various RC models. Ensure your device requires a 7.4V LiPo battery and uses a banana plug connector.

1. **Compatibility Check:** Verify that your RC quadcopter, drone, car, truck, or helicopter is compatible with a 7.4V 2000mAh LiPo battery and uses a banana plug for power connection.
2. **Install Battery:** Carefully insert the fully charged battery into the battery compartment of your RC device. Ensure a snug fit without forcing.
3. **Connect Power:** Connect the red banana plug from the battery to the corresponding power input on your RC device. Ensure the polarity is correct (red to positive, black to negative).
4. **Secure:** Close the battery compartment securely.
5. **Operation:** Operate your RC device according to its own instruction manual.
6. **Disconnection:** After use, disconnect the battery from the RC device and allow it to cool before recharging or storing.

7. MAINTENANCE AND STORAGE

Proper maintenance and storage extend battery life and ensure safety.

- **Regular Inspection:** Periodically inspect batteries for any physical damage, swelling, or signs of overheating.
- **Clean Connectors:** Keep battery connectors clean and free from dirt or corrosion to ensure good electrical contact.
- **Storage Temperature:** Store batteries at room temperature (15-25°C or 59-77°F) in a dry environment. Avoid extreme heat or cold.
- **Storage Charge:** For long-term storage, it is recommended to store LiPo batteries at a 'storage charge' level (approximately 3.8V per cell, or around 50% charge). Do not store fully charged or fully discharged.
- **Protection:** Store batteries in a fire-resistant bag or container to minimize risks.

8. TROUBLESHOOTING

- **Battery Not Charging:**
 - Ensure the USB charging cable is securely connected to both the battery and the power source.
 - Verify the USB power source is functional (e.g., try a different USB port or wall adapter).
 - Check for any visible damage to the charging cable or battery connectors.
- **Short Flight/Run Time:**
 - Ensure batteries are fully charged before use.
 - Battery performance can degrade over time with repeated charge/discharge cycles.
 - Environmental factors (e.g., wind, cold temperatures) and aggressive operation can reduce run time.
- **Battery Swelling:**
 - Immediately discontinue use. Swelling indicates internal damage and a potential safety hazard.
 - Dispose of the battery safely according to local regulations.

9. SPECIFICATIONS

Brand	Blomiky
Model Number	853480
Battery Type	LiPo (Lithium Polymer)
Voltage	7.4V
Capacity	2000mAh (actual capacity 2000-2100mAh)
Discharge Plug	Red Round Banana Plug
Charge Plug	XH-3P
Dimensions (L x W x H)	87mm x 34mm x 18mm (3.4" x 1.35" x 0.71")
Item Weight	Approximately 110 Grams per battery
USB Charger Input	DC 5V 2A
USB Charger Output	7.4V 1000mA



Image 9.1: Dimensions of the Blomiky 7.4V 2000mAh LiPo battery.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer's return policy or contact Blomiky customer service through the platform where the product was purchased. Keep your purchase receipt as proof of purchase.

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