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BAOFENG BL-13UV

BAOFENG BL-13UV Battery User Manual

Comprehensive guide for the BAOFENG BL-13UV Li-ion Rechargeable Battery with USB-C Charging

1. Introduction

The BAOFENG BL-13UV is a high-capacity, rechargeable Li-ion battery designed to power various BAOFENG and TYT two-way radios. It features convenient USB-C charging and incorporates multiple safety protection mechanisms to ensure reliable and safe operation. This manual provides essential information for the proper use, maintenance, and troubleshooting of your BL-13UV battery.

1.1 Package Contents

Please verify that all items are present in your package:

- 2 x BAOFENG BL-13UV Li-ion Batteries
- 2 x USB-C Charging Cables



Image: Two BL-13UV batteries and their accompanying USB-C charging cables, as included in the package.

2. Setup

2.1 Initial Charging

Before first use, it is recommended to fully charge the BL-13UV battery. The battery features a convenient USB-C charging port, allowing for flexible charging options.

- Connect the provided USB-C cable to the battery's USB-C port.
- Connect the other end of the USB-C cable to a compatible power source.



Image: The BL-13UV battery can be charged using various USB-C compatible power sources, including car chargers, PC USB ports, power banks, and wall chargers.

2.2 LED Indicator

The battery is equipped with an LED indicator to show its charging status:

- **Red Light:** Indicates that the battery is currently charging.
- **Green Light:** Indicates that the battery is fully charged.



Image: A detailed view of the battery's LED indicator, showing its red state when charging and green state when fully charged.

3. Operating Instructions

3.1 Installing the Battery

To install the BL-13UV battery into your compatible two-way radio:

1. Ensure the radio is powered off.
2. Align the battery with the battery compartment on the back of your radio.
3. Slide the battery into place until it clicks securely. Refer to your radio's specific user manual for detailed installation steps if needed.

3.2 Battery Usage

Once installed, the battery will power your radio. Monitor the radio's battery indicator to determine remaining charge. Recharge the battery when the indicator shows low power to ensure uninterrupted operation.

4. Maintenance and Care

4.1 Storage

For optimal battery life and performance, store the BL-13UV battery in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, it is advisable to charge the battery to approximately 50% capacity.

4.2 Cleaning

Clean the battery and its contacts with a dry, soft cloth. Do not use liquid cleaners or solvents, as these can damage the battery.

4.3 Battery Protection Features

The BL-13UV battery is equipped with multiple built-in protection circuits to ensure safe operation and extend battery life:

- **Over-temperature Protection:** Prevents the battery from overheating during charging or discharge.
- **Over-current Protection:** Safeguards against excessive current flow.
- **Over-charge Protection:** Prevents the battery from being overcharged, which can damage the cells.
- **Leakage Protection:** Designed to prevent electrolyte leakage.

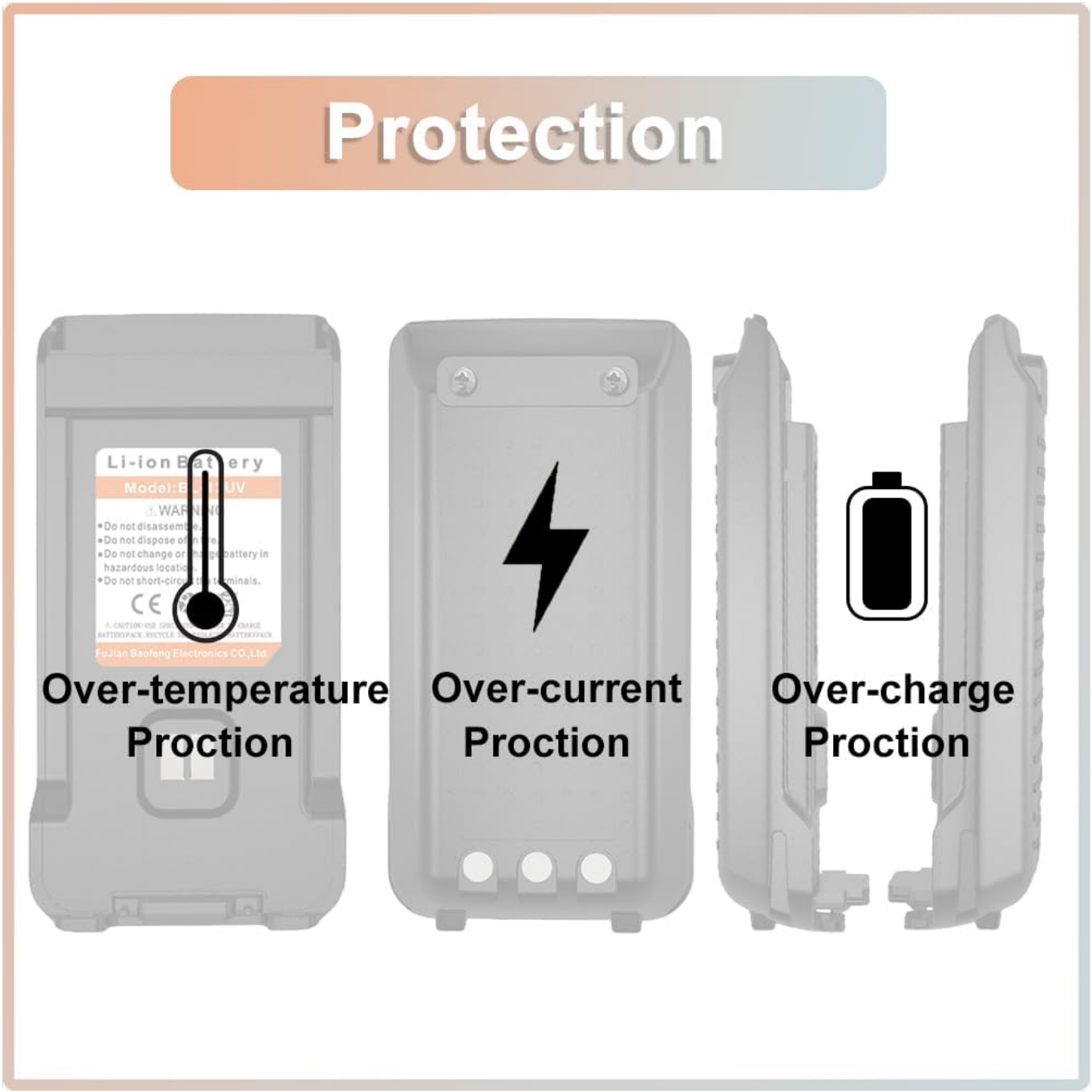


Image: Visual representation of the battery's integrated protection mechanisms, including over-temperature, over-current, and over-charge safeguards.

5. Troubleshooting

If you encounter issues with your BL-13UV battery, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Battery not charging	Loose cable connection, faulty cable, incompatible charger, battery too hot/cold.	Ensure cable is securely connected. Try a different USB-C cable or charger. Allow battery to reach room temperature.
Short operating time	Battery not fully charged, aging battery, high power consumption by radio.	Ensure battery is fully charged (green LED). Consider replacing the battery if it's old. Reduce radio's power output if possible.

Problem	Possible Cause	Solution
Battery not fitting radio	Incorrect battery model for radio.	Verify your radio model is listed under compatible devices.

6. Specifications

Key technical specifications for the BAOFENG BL-13UV battery:

Feature	Detail
Model	BL-13UV
Battery Type	Li-ion Lithium Battery
Output Voltage	7.4V
Input Voltage (Charging)	5V (via USB-C)
Charging Port	USB-C
Dimensions (L x W x H)	4.13 x 1.96 x 0.6 inches (approx.)
Item Weight	9.7 ounces
Manufacturer	BAOFENG
Country of Origin	China



Image: Detailed dimensions of the BL-13UV battery, indicating its length, width, and thickness.



Image: A visual summary of the BL-13UV battery's core features, including its rechargeable Li-ion nature, USB-C charging capability, and 7.4V output.

7. Compatibility

The BAOFENG BL-13UV battery is compatible with a range of two-way radio models, including but not limited to:

- BL-13UV
- GM-15 PRO
- RT85
- TYT TH-UV888
- TYT UV88
- UV-13 Pro
- GM-30
- MU-5
- MURS

- TD-H5
- P15UV
- TP-8Plus
- BF-UV999
- BF-UV999 Pro Max

If you have questions regarding compatibility with a specific model, please refer to the support section.



Image: A visual guide displaying several BAOFENG and TYT two-way radio models that are compatible with the BL-13UV battery.

8. Warranty Information

The BAOFENG BL-13UV battery comes with a **3-month warranty** provided exclusively through *Shiqun Electronics Co., Ltd*. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of purchase for warranty claims.

9. Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact the seller, Shiqun Electronics Co., Ltd, directly through the platform where the product was purchased. Provide your order details and a clear description of the issue for prompt support.
For general product information, you may also visit the official BAOFENG store on Amazon:BAOFENG Store

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