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BAFANG BT F332

BAFANG Electric Bicycle Battery User Manual

Model: BT F332

INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your BAFANG Electric Bicycle Battery. This battery is designed for electric bicycles with 500W, 750W, 1000W, and 1500W motors and conversion kits. Please read this manual thoroughly before installation and operation to ensure optimal performance and longevity of your battery.

SAFETY INFORMATION

Your BAFANG battery is equipped with a Battery Management System (BMS) for protection. The BMS safeguards against overheating, low voltage, overcharge, overdischarge, overload, and short circuits, ensuring balanced charging and extending battery life.

- Always use the provided charger.
- Do not leave the battery in a state of power loss for extended periods.
- Avoid exposing the battery to extreme high or low temperatures during use or storage.
- Protect the battery from drops and collisions.
- Store the battery in a cool, dry place if not in use for a long time.
- Ensure the battery is compatible with motors ranging from 250W to 1600W.

BATTERY WITH PROTECTION FUNCTION



Smart BMS protection



Rugged Case



Power Switch



Waterproof



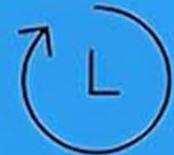
Safety Lock



**Original
Lithium Battery**



**Temperature
Protection**



Long Battery Life

Image: BAFANG battery highlighting features like Smart BMS protection, rugged case, power switch, waterproof design, safety lock, original lithium battery, temperature protection, and long battery life.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1x Bicycle Battery
- 1x Battery Mount
- 1x Charger
- 1x Power Cable
- Keys for the safety lock
- 1x Adapter cable with XT60 interface (for compatibility)



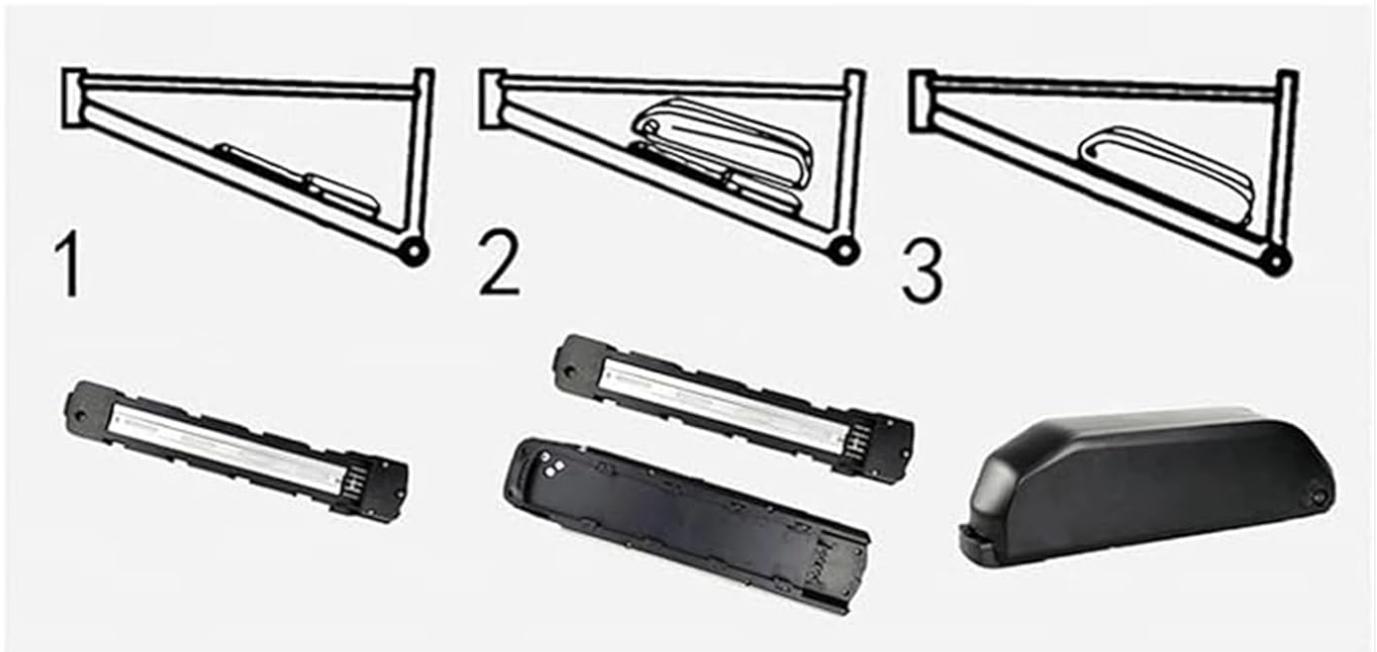
Image: The D-POWER battery charger and its accompanying power cable, included in the package.

SETUP AND INSTALLATION

The battery pack includes a battery case, a battery bottom bracket, a safety lock, and a charger. Installation is designed to be straightforward, ensuring a firm mount that prevents wobbling during rides.

1. **Prepare the Mount:** Ensure your bicycle frame has a compatible mounting area. Note that Parrot battery bases have four holes, while Hailong battery bases have two holes. Verify the dimensions of your battery and mount before proceeding.
2. **Attach the Battery Mount:** Secure the battery bottom bracket to your bicycle frame using appropriate fasteners (not included, typically part of the bike frame).
3. **Connect the Battery:** Slide the battery onto the mounted bracket until it clicks securely into place.
4. **Secure with Lock:** Use the provided key to lock the battery onto the mount for added security.

Installation Instruction



Step1

Step2

Step3



Image: A visual guide demonstrating the three steps for installing the battery onto the bicycle frame mount.



Image: Close-up views of the battery's features, including two charger options, the battery base connection, charging port and power switch, key switch safe lock, and the power indicator lights.

OPERATING INSTRUCTIONS

Powering On/Off

To power on the battery, turn the key to the 'ON' position and/or press the power switch located on the battery. To power off, reverse the process.

Charging the Battery

Connect the charger to the battery's charging port, then plug the charger into a standard wall outlet. The built-in indicator lights will show the charging status:

- **25% Charged:** 1 Red light, 0 Green lights
- **50% Charged:** 1 Red light, 1 Green light
- **75% Charged:** 1 Red light, 2 Green lights

- **100% Charged:** 1 Red light, 3 Green lights

Charging is complete when one red light and three green lights are illuminated simultaneously.

MAINTENANCE

Proper maintenance ensures the longevity of your BAFANG battery, which has a lifespan of up to 5 years and over 1000 charging cycles.

- **Regular Charging:** Do not allow the battery to remain fully discharged for extended periods. Charge it regularly, even if not in frequent use.
- **Storage:** If storing the battery for a long time, ensure it is partially charged (around 50-70%) and kept in a cool, dry environment, away from direct sunlight and extreme temperatures.
- **Cleaning:** Keep the battery and its contacts clean and dry. Use a soft, dry cloth to wipe away any dust or dirt. Avoid using water or harsh chemicals.
- **Inspection:** Periodically inspect the battery case, cables, and connectors for any signs of damage or wear.

TROUBLESHOOTING

The integrated BMS provides comprehensive protection. If you experience issues such as the battery not powering on, not charging, or unexpected shutdowns, consider the following:

- **No Power:** Check if the battery is securely mounted and locked. Ensure the power switch is in the 'ON' position.
- **Not Charging:** Verify that the charger is correctly connected to both the battery and the power outlet. Check for any damage to the charger or cables.
- **Sudden Shutdowns:** The BMS may have activated due to overcharge, overdischarge, overload, or temperature issues. Allow the battery to cool down or charge it if it's low. Ensure your motor's wattage is within the supported range (50W-1600W).
- **Compatibility:** Confirm that the battery interface (Anderson, with XT60 adapter if needed) is correctly connected to your motor.

If problems persist after checking these points, please contact customer support.

SPECIFICATIONS

Feature	Description
Brand	BAFANG
Model Name	BT F332
Battery Type	Polly Lithium-ion
Standard Voltage	48V / 52V
Capacity Options	13AH, 17AH, 19.2AH, 20AH
BMS	30A (Maximum constant discharge current)
Charger Output	54.6V 2A / 58.8V 3A
Compatible Motors	250W / 300W / 350W / 500W / 750W / 1000W / 1200W / 1600W
Battery Interface	Anderson (includes XT60 adapter cable)

Special Feature	Lightweight, Built-in Lock
48V13AH Dimensions	368 x 90 x 113mm (14.5 x 3.5 x 4.5in)
48V20AH, 52V20AH Dimensions	368 x 90 x 123mm (14.5 x 3.5 x 5in)
UPC	783779684564

Note: The 48V13AH/48V20AH and 52V20AH are Polly batteries. The 48V17AH and 48V19.2AH are Hailong batteries. Please check the specific dimensions and bottom bracket requirements for your chosen battery model.



Image: Detailed measurements of the Polly battery and its mounting bracket, showing dimensions for proper fitment.

WARRANTY INFORMATION

This BAFANG Electric Bicycle Battery comes with a **1-year warranty** from the date of purchase. The warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover

damage caused by misuse, accidents, unauthorized modifications, or failure to follow the instructions in this manual.

CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your BAFANG Electric Bicycle Battery, please contact your retailer or visit the official BAFANG store for support resources.

BAFANG Store: [Visit BAFANG Store on Amazon](#)

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