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> [Motobecane BTE-8036 Shimano Steps 630 Wh Integrated Down Tube Battery User Manual](#)

Motobecane BTE-8036

Motobecane BTE-8036 Shimano Steps 630 Wh Integrated Down Tube Battery User Manual

Model: BTE-8036

INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Motobecane BTE-8036 Shimano Steps 630 Wh Integrated Down Tube Battery. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the product. Keep this manual for future reference.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the battery and bicycle:

- Do not expose the battery to extreme temperatures, direct sunlight, or fire.
- Do not immerse the battery in water or other liquids.
- Use only the specified charger (EC-E8004) for this battery.
- Do not attempt to disassemble, modify, or repair the battery. Contact qualified service personnel.
- Keep out of reach of children.
- If the battery shows signs of damage, leakage, or overheating, discontinue use immediately and contact support.

SETUP AND INSTALLATION

The BTE-8036 battery is designed for integrated mounting within the down tube of compatible e-bikes. Professional installation is recommended.

Unpacking

Carefully remove the battery from its packaging. Inspect for any visible damage. Retain packaging for potential future transport or return.

Mounting the Battery

1. Ensure the bicycle's power is off and the key is removed (if applicable).

2. Align the battery with the down tube mounting slot.
3. Gently slide the battery into position until it clicks securely.
4. Use the provided locking mechanism (if any) to secure the battery in place.
5. Verify that the battery is firmly seated and does not wobble.



Image: Motobecane BTE-8036 Shimano Steps 630 Wh Integrated Down Tube Battery. This image shows the sleek design of the battery, intended for integrated mounting within an e-bike's down tube.

Initial Charging

Before first use, fully charge the battery. Connect the EC-E8004 charger to the battery charging port and then to a power outlet. The charging indicator will show progress. A full charge takes approximately 6 hours. A 50% charge can be achieved in about 2.5 hours.

OPERATING INSTRUCTIONS

Powering On/Off

To power on the e-bike system, press and hold the power button on the display unit or battery (if applicable) for a few seconds. To power off, repeat the process.

Battery Level Indicator

The battery level is typically displayed on the e-bike's control unit. Refer to your e-bike's specific manual for details on how to read the battery level and estimated range.

Charging the Battery

Charger Compatibility: Use only the Shimano EC-E8004 charger. Using an incompatible charger may damage the battery and void the warranty.

Charging Process:

1. Ensure the battery is clean and dry before charging.
2. Connect the charger to the battery's charging port.
3. Plug the charger into a standard electrical outlet.
4. Monitor the charging indicator lights.
5. Once fully charged, disconnect the charger from the outlet, then from the battery.

Avoid leaving the battery connected to the charger for extended periods after it is fully charged.

MAINTENANCE AND CARE

Cleaning

Wipe the battery exterior with a soft, damp cloth. Do not use harsh chemicals, abrasive cleaners, or high-pressure water jets. Ensure the charging port is free of dirt and debris.

Storage

For long-term storage, store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.

Optimal Charge Level for Storage: Store the battery with approximately 50-70% charge. Avoid storing it fully charged or completely depleted for extended periods, as this can reduce its lifespan.

Periodic Charging: If storing for several months, check the charge level periodically (every 2-3 months) and recharge to 50-70% if necessary.

Battery Lifespan

The BTE-8036 battery is designed for high performance and retains its maximum capacity longer throughout its lifespan with proper care and charging practices.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging	Charger not connected properly; Faulty charger or outlet; Damaged battery port.	Check all connections. Try a different outlet. Inspect charger and battery port for damage. If issues persist, contact support.
Battery not powering on	Battery fully discharged; Improperly seated battery; System error.	Charge the battery. Ensure the battery is securely mounted in the down tube. Consult your e-bike's manual for system error codes.

Problem	Possible Cause	Solution
Reduced range	Battery degradation over time; Extreme temperatures; High assist mode usage; Improper tire pressure.	This is normal over time. Operate in moderate temperatures. Use lower assist modes. Maintain proper tire pressure.

If you encounter problems not listed here or if solutions do not resolve the issue, please contact customer support.

SPECIFICATIONS

Model Name: BTE-8036

Brand: Motobecane (Manufactured by Shimano)

Voltage: 36 V

Capacity: 17.5 Ah / 630 Wh

Charging Time (with EC-E8004): Approx. 2.5 hours (50%), 6 hours (100%)

Mount Type: Frame Down Tube Integrated

Color: Black

Material: Plastic

Item Weight: 8 Pounds

WARRANTY INFORMATION

This Motobecane BTE-8036 battery comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, unauthorized modification, or use of incompatible chargers or accessories.

To make a warranty claim, please retain your proof of purchase and contact customer support.

CUSTOMER SUPPORT

For technical assistance, warranty claims, or general inquiries regarding your Motobecane BTE-8036 battery, please contact your authorized dealer or visit the official Motobecane website for support contact information.

Online Resources: For additional information and FAQs, please refer to the official Shimano STEPS documentation, as this battery is part of the Shimano STEPS system.

