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WOLWES CS-OPH130BL

WOLWES CS-OPH130BL Replacement Battery User Manual

For Keyence Devices (Models: BT-B10, BT-B60, BT-LIBS, BT-WB2, BT-1000, BT-1010, BT-1500, BT-600, BT-W70, BT-W75)

1. Introduction

This manual provides essential instructions for the safe and effective use of your WOLWES CS-OPH130BL replacement battery. This battery is designed as a compatible replacement for various Keyence devices, specifically for original part numbers BT-B10, BT-B60, BT-LIBS, and BT-WB2, and compatible with devices such as BT-1000, BT-1010, BT-1500, BT-600, BT-W70, and BT-W75. Please read this manual thoroughly before installation and use.

2. Safety Information and Cautions

Lithium-ion batteries require careful handling. Adhere to the following safety guidelines to prevent injury, damage, or fire.

- **DO NOT** attempt to disassemble, open, or service the battery pack.
- **REPLACE ONLY** with the battery pack designated for this product. Using an incompatible battery may pose a risk of fire or explosion.
- **DO NOT** crush, puncture, short external contacts, or dispose of in fire or water.
- **DO NOT** store above 60°C (140°F). High temperatures can degrade battery performance and pose a safety risk.
- New battery packs must be fully charged before use to reduce the risk of fire or burns.
- Keep batteries out of reach of children.
- If the battery leaks, avoid contact with skin and eyes. If contact occurs, rinse immediately with water and seek medical attention.



Image: Close-up of the battery's caution label. This label details important safety warnings and specifications, including the model number, part number, voltage, capacity, and manufacturing standards.

3. Setup and Installation

Follow these general steps for replacing the battery in your compatible Keyence device. Always refer to your device's specific instruction manual for detailed battery replacement procedures.

1. **Power Off Device:** Ensure your Keyence device is completely powered off and disconnected from any power source.
2. **Locate Battery Compartment:** Identify and open the battery compartment on your device. This may involve removing a cover or panel.
3. **Remove Old Battery:** Carefully remove the old battery. Note its orientation to ensure correct installation of the new battery.
4. **Insert New Battery:** Insert the WOLWES CS-OPH130BL replacement battery into the compartment, ensuring the contacts align correctly. Do not force the battery.
5. **Secure Compartment:** Close and secure the battery compartment.
6. **Initial Charge:** Fully charge the new battery before its first use.



Image: Front view of the battery. This image displays the battery's primary label, including its model number, part number, voltage, and capacity.



Image: Rear view of the battery. This image highlights the battery's contact points, which connect to the device for power transfer.

4. Operating and Usage

To maximize the performance and lifespan of your WOLWES replacement battery, follow these operating guidelines:

- **Initial Charge:** Fully charge the battery before its first use. This helps calibrate the battery's charge indicator.
- **Regular Charging:** Charge the battery using the charger provided with your Keyence device. Avoid using unapproved chargers.
- **Avoid Deep Discharges:** While lithium-ion batteries do not suffer from a 'memory effect', frequent deep discharges can reduce overall lifespan. Recharge before the battery is completely depleted.
- **Optimal Temperature:** Use the battery within the recommended operating temperature range of your Keyence device. Extreme cold or heat can affect performance and lifespan.

5. Maintenance

Proper maintenance ensures the longevity and reliability of your battery.

- **Storage:** If storing the battery for an extended period, charge it to approximately 50-60% and store it in a cool, dry place (ideally between 15°C and 25°C or 59°F and 77°F). Avoid storing fully charged or fully discharged.
- **Cleaning:** Keep the battery contacts clean. Use a dry, soft cloth to wipe away any dust or debris.
- **Inspection:** Periodically inspect the battery for any signs of damage, swelling, or leakage. Discontinue use immediately if any issues are observed.

6. Troubleshooting

If you encounter issues with your WOLWES replacement battery, consider the following common solutions:

- **Battery Not Charging:**
  - Ensure the battery is correctly inserted and contacts are clean.
  - Verify the charger and charging cable are functioning correctly and are compatible with your device.
  - Check if the device's charging port is free of debris.
- **Short Battery Life:**
  - Ensure the battery has been fully charged.
  - Review device settings for power-saving options.
  - Operating in extreme temperatures can reduce battery life.
- **Device Not Powering On:**
  - Confirm the battery is fully charged and correctly installed.
  - Test with another known-good battery if available to rule out a device issue.

If problems persist after attempting these steps, please refer to the support section.

7. Specifications

Model Number	CS-OPH130BL
Compatible Part Numbers	BT-B10, BT-B60, BT-LIBS, BT-WB2
Battery Type	Lithium-ion
Voltage	3.7V
Capacity	1100mAh / 4.07Wh
Dimensions (L x W x H)	53.04 x 35.53 x 7.13 mm (2.09 x 1.4 x 0.28 inches)
Weight	50.0 g

8. Warranty Information

Your WOLWES replacement battery includes a **30-day Money Back Guarantee** and a **1-YEAR Warranty** from the date of purchase. This warranty covers manufacturing defects. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accident, unauthorized modification, or normal wear and tear.

9. Support

For further assistance, technical support, or warranty inquiries, please contact your retailer or the WOLWES customer service. Provide your product model number (CS-OPH130BL) and details of the issue for efficient 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.

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Question

Example: How do I reset this device or fix this error?

Details

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