

## Bear TNQ-C03R6

# Bear Portable Water Heater User Manual

Model: TNQ-C03R6

## 1. INTRODUCTION

Thank you for choosing the Bear Portable Water Heater. This device is designed to provide convenient and precise water heating for baby formula or other warm beverages, especially when you are on the go. Its compact design, fast heating capabilities, and long-lasting battery make it an essential companion for parents and travelers.



Image: The Bear Portable Water Heater in a home setting with a mother and baby, demonstrating its convenience for daily use.

## Product Overview

- **Portable Convenience:** Lightweight and elegant, easily fits into a handbag or diaper bag, ideal for travel, long car rides, picnics, and camping.
- **Fast Heating:** Heats 150ml of water from 20°C to 45°C in just 5 minutes.
- **Adjustable Temperature:** Precise temperature control from 37°C to 70°C (98-158°F) with an easy-to-read LED display.
- **Long-lasting Warmth:** Maintains water temperature for up to 6 hours.
- **Safe Materials:** Made from BPA-free Tritan and 316 stainless steel, ensuring safety and no odor.

- **Leak-proof Design:** Effectively prevents spills and leaks, making it reliable for travel.
- **Multiple Charging Options:** Rechargeable battery supports charging via power outlet, car charger, or USB cable (e.g., computer, power bank).

## 2. SAFETY PRECAUTIONS

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To ensure safe operation and prolong the life of your Bear Portable Water Heater, please read and adhere to the following safety guidelines:

- Do not immerse the main unit in water or any other liquid.
- Ensure the charging port is dry before connecting the charging cable.
- Keep out of reach of children when in use, as the bottle may become hot.
- Do not use abrasive cleaners or scouring pads, as they may damage the surface.
- Only use the provided charging cable or a compatible USB-C cable.
- Do not operate the device if it is damaged or malfunctioning.
- Avoid overfilling the bottle beyond the maximum fill line.
- Ensure the lid is securely locked before heating or transporting to prevent leaks.



Image: A visual comparison highlighting the Bear Portable Water Heater's secure, leak-proof design compared to other models that may spill.

## 3. PRODUCT COMPONENTS AND SPECIFICATIONS

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### Components

- Portable Water Heater Unit (with integrated battery)
- Lid with safety lock
- USB-C Charging Cable
- User Manual



Image: The Bear Portable Water Heater shown alongside its product packaging, illustrating the complete product.

## Technical Specifications

| Feature                            | Specification                        |
|------------------------------------|--------------------------------------|
| Model Number                       | TNQ-C03R6                            |
| Capacity                           | 270 ml                               |
| Adjustable Temperature Range       | 37°C to 70°C (98-158°F)              |
| Heating Time (150ml, 20°C to 45°C) | Approx. 5 minutes                    |
| Keep Warm Duration                 | Up to 6 hours                        |
| Battery Type                       | 1 Lithium-ion (included)             |
| Materials                          | BPA-free Tritan, 316 Stainless Steel |
| Dimensions (Package)               | 25 x 12.9 x 10.6 cm                  |

| Feature          | Specification |
|------------------|---------------|
| Weight (Package) | 740 grams     |

## 4. SETUP

### Charging the Device

Before first use, fully charge the portable water heater. A full charge takes approximately 6 hours.

1. Locate the USB-C charging port on the device.
2. Connect the provided USB-C cable to the charging port.
3. Connect the other end of the USB-C cable to a compatible power source (e.g., wall adapter, car charger, power bank, or computer USB port).
4. The LED display will indicate charging status. Once fully charged, the indicator will change (refer to the device's specific charging indicator).



Image: The portable water heater demonstrating various charging methods, including USB, car charger, and power bank, highlighting its versatility.

### Initial Use

Before using for the first time, clean the interior of the bottle thoroughly as described in the Maintenance section.

## 5. OPERATING INSTRUCTIONS

### Filling the Bottle

1. Ensure the device is off and cool.
2. Unlock the lid by sliding the safety lock mechanism upwards.
3. Carefully pour the desired amount of water (or liquid) into the bottle. Do not exceed the maximum fill line.
4. Close the lid and slide the safety lock mechanism downwards to secure it.

### Setting the Temperature

1. Press the power button to turn on the device. The current temperature will be displayed on the LED screen.

2. Use the '+' and '-' buttons to adjust the target temperature. The temperature can be set between 37°C and 70°C.
3. Once the desired temperature is set, the device will begin heating.



Image: An illustration of the portable water heater's internal heating elements and its digital display showing the set temperature, emphasizing fast heating and adjustable temperature.

## Heating Process

The device will automatically heat the liquid to the set temperature. The LED display will show the real-time temperature as it rises.

- For example, heating 150ml of water from 20°C to 45°C takes approximately 5 minutes.
- Once the target temperature is reached, the device will beep (if applicable) and maintain the temperature.



Image: The portable water heater heating water outdoors, demonstrating its ability to quickly heat water and formula anywhere.

## Maintaining Temperature

The Bear Portable Water Heater is designed to keep the liquid warm at the set temperature for up to 6 hours, ensuring your baby's milk or your beverage is ready when needed.

## 6. MAINTENANCE AND CLEANING

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## Cleaning the Bottle Warmer

Regular cleaning is essential to maintain hygiene and performance.

1. Ensure the device is turned off and completely cooled down before cleaning.
2. Unscrew the lid and empty any remaining liquid.
3. Wash the interior of the bottle and the lid with warm, soapy water. Use a soft brush or sponge to clean thoroughly.
4. Rinse all parts with clean water.
5. Wipe the exterior of the main unit with a damp cloth. Do not immerse the main unit in water.
6. Ensure all parts are completely dry before reassembling or storing.



Image: A close-up view of the portable water heater's 316 stainless steel interior, emphasizing its ease of cleaning and odor-free properties.

## Storage

Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Ensure it is clean and dry before storage.

## 7. TROUBLESHOOTING

If you encounter any issues with your Bear Portable Water Heater, please refer to the table below for common problems and solutions.

| Problem                 | Possible Cause                                                            | Solution                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Device does not turn on | Battery is depleted                                                       | Charge the device fully.                                                                                                         |
| Device not heating      | Low battery; Incorrect temperature setting; Dry-burn protection activated | Charge the device; Adjust temperature; Ensure sufficient liquid is in the bottle.                                                |
| Liquid is leaking       | Lid not properly secured; Overfilled bottle; Damaged seal                 | Ensure lid is tightly closed and safety lock is engaged; Do not overfill; Check for damage to the seal and replace if necessary. |

| Problem                           | Possible Cause                              | Solution                                                               |
|-----------------------------------|---------------------------------------------|------------------------------------------------------------------------|
| Temperature display is inaccurate | Sensor malfunction                          | Contact customer support.                                              |
| Slow charging                     | Low power adapter/USB port;<br>Faulty cable | Use a higher power adapter (e.g., 5V/2A); Try a different USB-C cable. |

If the problem persists after trying these solutions, please contact customer support.

## 8. WARRANTY AND SUPPORT

### Warranty Information

The Bear Portable Water Heater is covered by a standard manufacturer's warranty against defects in materials and workmanship from the date of purchase. 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.

### Customer Support

For technical assistance, warranty claims, or any other inquiries, please contact Bear customer support through the retailer where you purchased the product or visit the official Bear website for contact details.

Manufacturer: Bear Electric Appliance Co.,Ltd

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### 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