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› [BODEGACOOLER 48 Quart Portable Car Refrigerator User Manual](#)

## BODEGA TWW45-WIFI

# BODEGACOOLER 48 Quart Portable Car Refrigerator User Manual

Model: TWW45-WIFI

## 1. INTRODUCTION

Thank you for purchasing the BODEGACOOLER Portable Car Refrigerator. This manual provides important information regarding the safe operation, installation, and maintenance of your appliance. Please read this manual thoroughly before use and retain it for future reference.

### Safety Precautions

- Ensure the power supply voltage matches the specifications of the refrigerator.
- Do not operate the refrigerator with wet hands or when standing in water.
- Keep ventilation openings clear of obstructions.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.
- Avoid placing the refrigerator in direct sunlight or near heat sources.
- Always disconnect the power supply before cleaning or performing maintenance.

## 2. PRODUCT OVERVIEW

The BODEGACOOLER 48 Quart Portable Car Refrigerator is designed for versatile use in vehicles, RVs, camping, and travel. It features a dual-zone design, APP control, and multiple power options.

### Key Features:

- **Dual Zone Temperature Control:** Two independent zones for refrigeration and freezing.
- **WIFI APP Control:** Monitor and control settings via a smartphone application (Android and iOS).
- **Multiple Power Options:** Supports 12/24V DC for vehicles and 100-240V AC for home use.
- **Battery Protection System:** H/M/L levels to prevent vehicle battery drain.

- **Fast Cooling:** Reaches 32°F (0°C) in approximately 15 minutes in Max mode.
- **Low Noise Operation:** Operates at approximately 42dB.
- **Anti-Shaking Design:** Stable operation even at a 30-degree inclination.
- **Portable Design:** Equipped with stretchable handles and off-road wheels for easy transport.
- **Convenience Features:** Built-in LED light, bottom drain hole, detachable cutting board, USB charging port.

## Components:



Figure 2.1: Overall view of the BODEGACOOLER 48 Quart Portable Car Refrigerator, showing its main body, lid, wheels, handle, and a smartphone displaying the control app.

- **Main Unit:** The primary body of the refrigerator.
- **Control Panel:** Located on the top, for manual temperature and setting adjustments.
- **Power Input Ports:** For DC (12/24V) and AC (100-240V) power.
- **Wheels:** Durable wheels for easy mobility.
- **Retractable Handle:** For pulling the unit.
- **Dual Lids:** Separate lids for each temperature zone.

- **Internal LED Light:** Illuminates the interior.
- **Drain Hole:** For easy cleaning and water drainage.
- **Cutting Board:** Detachable, integrated into the lid.
- **Wire Baskets:** Two included for organized storage.



Figure 2.2: Detail of the dual door design, allowing independent access to each temperature zone.



Figure 2.3: Detail of the robust wheels and retractable handle for enhanced portability.



Figure 2.4: The convenient detachable cutting board integrated into the lid.



Figure 2.5: The internal LED light for improved visibility in low-light conditions.

### 3. SETUP

#### Unpacking:

- Carefully remove the refrigerator from its packaging.
- Check for any damage during transit. If damaged, contact customer support immediately.
- Ensure all accessories are present: portable car fridge unit, 1 cigarette lighter connector, 1 wall plug, 1 wall plug adapter, 1 user manual, 2 baskets.

#### Power Connection:

The BODEGACOOLER refrigerator supports both DC and AC power inputs.

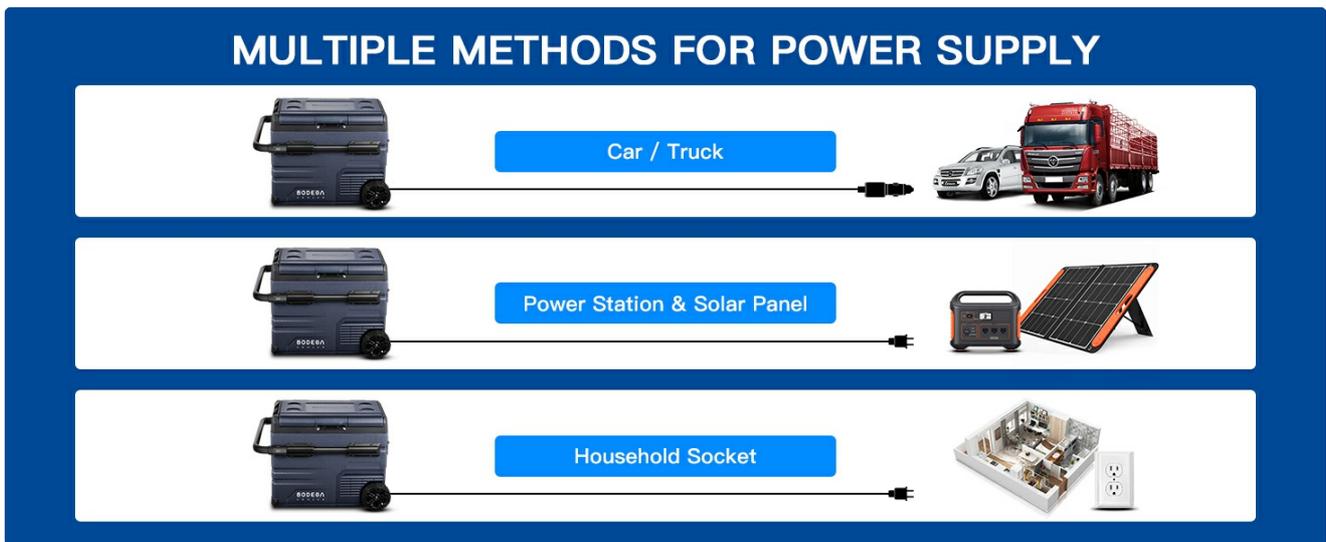


Figure 3.1: Illustration of various power supply options for the refrigerator.

- **DC Power (12V/24V):** Use the provided cigarette lighter connector to connect the refrigerator to your vehicle's 12V or 24V DC power outlet.
- **AC Power (100-240V):** Use the provided wall plug and adapter to connect the refrigerator to a standard household AC power outlet.
- Ensure the power cable is securely connected to both the refrigerator and the power source.

### 4. OPERATING INSTRUCTIONS

#### Control Panel Operation:

# マルチ機能

アプリで簡単に使用できます (Android/iOS)



Figure 4.1: The control panel with temperature display and function buttons.

- **Power Button:** Press and hold to turn the unit ON/OFF.
- **Temperature Adjustment:** Use the '+' and '-' buttons to set the desired temperature for each zone. The display will show the current and set temperatures.
- **Mode Button (Gear Icon):** Press to cycle through cooling modes (MAX/ECO) and battery protection levels (H/M/L).
- **MAX Mode:** Provides rapid cooling.
- **ECO Mode:** Energy-saving mode for sustained cooling.
- **Battery Protection (H/M/L):**
  - **H (High):** Highest protection, shuts off at a higher voltage to prevent vehicle battery drain. Recommended for vehicle use.
  - **M (Medium):** Moderate protection.
  - **L (Low):** Lowest protection, allows the refrigerator to run longer before shutting off. Use with caution to avoid draining vehicle battery.

## Dual Zone Control:

The refrigerator features two independent temperature zones. You can set different temperatures for each zone, allowing one to act as a freezer and the other as a refrigerator, or both as either.

- The control panel allows individual temperature adjustment for the left and right zones.
- The default configuration allows you to choose which side functions as the freezer or fridge.

### WIFI APP Control:

Download the BODEGACOOLER APP from your smartphone's app store (available for Android and iOS). Follow the in-app instructions to connect your refrigerator via WIFI for remote monitoring and control.



Figure 4.2: The BODEGACOOLER app interface for remote control and monitoring.

- Monitor current temperatures of both zones.
- Adjust target temperatures.
- Switch between MAX/ECO modes.
- Set battery protection levels.
- Lock the control panel to prevent accidental changes.

## 5. MAINTENANCE

### Cleaning:

- Always disconnect the power before cleaning.
- Clean the interior and exterior with a damp cloth and mild detergent. Avoid abrasive cleaners.
- Use the bottom drain hole to easily remove any liquids or debris from the interior.
- Ensure the unit is completely dry before reconnecting power or storing.

### Storage:

- When not in use for extended periods, ensure the refrigerator is clean and dry.
- Store in a cool, dry place, away from direct sunlight and extreme temperatures.
- Leave the lid slightly ajar to prevent odors and mold growth.

## 6. TROUBLESHOOTING

If you encounter issues with your BODEGACOOLER refrigerator, please refer to the following common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Refrigerator not turning on.	No power, loose connection, low voltage.	Check power cable connections. Ensure power source is active. Adjust battery protection level (H/M/L) if using DC power.
Not cooling effectively.	Ventilation blocked, door not sealed, ambient temperature too high, ECO mode.	Ensure vents are clear. Check lid seal. Move to a cooler environment if possible. Switch to MAX mode.
Display error codes.	Internal fault.	Note the error code and contact customer support for assistance.
App not connecting.	Bluetooth/WIFI off, app not updated, refrigerator not discoverable.	Ensure Bluetooth/WIFI is enabled on your phone. Restart the app and refrigerator. Follow in-app pairing instructions.

## 7. SPECIFICATIONS

Attribute	Detail
Brand	BODEGA
Model Info	TWW45-WIFI
Item Weight	42 pounds
Product Dimensions	24 x 10 x 12 inches (or 18.1"D x 28"W x 19.92"H)
Capacity	48 Quarts (45 Liters)
Voltage	12V/24V DC, 100-240V AC
Temperature Range	-4°F (-20°C) to 68°F (20°C)
Noise Level	42dB
Special Features	APP control (Android/IOS), Dual-zone temperature independent control, Chopping board, roller, retractable handle, USB jack, internal LED light, Battery protection H/M/L, Max/Eco cooling options, 1 Removable Door
Included Components	Car Refrigerator, Cigarette lighter connector, Wall plug, Wall plug adapter, User manual, 2 Baskets

Note: Product dimensions may vary slightly based on measurement method (e.g., packaging vs. assembled unit).

## 8. WARRANTY AND SUPPORT

BODEGACOOLER provides the following warranty for your portable car refrigerator:

- **Compressor:** 5 Years Life Span
- **All Other Parts:** 1 Year

For technical support, warranty claims, or any inquiries, please contact BODEGACOOLER customer service through the official website or your point of purchase. Please have your model number (TWW45-WIFI) and purchase information ready when contacting support.