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## BODEGA YC60-SV

# BODEGACOOLER 12 Volt RV Refrigerator User Manual

Model: YC60-SV | Brand: BODEGA

## 1. INTRODUCTION

Thank you for choosing the BODEGACOOLER 63.4 Quart RV Refrigerator. This portable compressor cooler is designed for versatile use in vehicles such as RVs, boats, yachts, caravans, and trucks, as well as for camping and road trips. It features a powerful compressor for efficient cooling, dual operating modes, and advanced battery protection. This manual provides essential information for the safe and effective operation and maintenance of your refrigerator.



Figure 1.1: Front view of the BODEGACOOLER 60L RV Refrigerator, showcasing its sleek silver design.

## 2. IMPORTANT SAFETY INSTRUCTIONS

Please read all safety warnings and instructions carefully before using this appliance to prevent injury or damage. Keep this manual for future reference.

- Ensure the power supply voltage matches the appliance's requirements (12V/24V DC).
- Do not operate the refrigerator if the power cord is damaged or if the appliance is malfunctioning.
- Avoid placing the refrigerator in direct sunlight or near heat sources.
- Ensure adequate ventilation around the unit to prevent overheating.
- Do not immerse the appliance in water or expose it to excessive moisture.
- Keep children away from the appliance, especially when it is operating.
- Only use accessories recommended by the manufacturer.
- Disconnect the power supply before cleaning or performing any maintenance.

### 3. PRODUCT OVERVIEW

The BODEGACOOLER RV Refrigerator is designed for convenience and efficiency. Below are key components and features.



Figure 3.1: Interior view of the refrigerator showing its capacity and external dimensions (20.7 inches deep, 17.9 inches wide, 21.1 inches high).

# Humanised Design For a More Comfortable Journey



Figure 3.2: Close-up of the LED display screen, refrigerator compartment, and double rack bottle frame, highlighting user-friendly design elements.

## Key Features:

- **Powerful Compressor:** Ensures rapid cooling and efficient temperature maintenance.
- **Dual Modes:** Offers 'Daytime Mode' for fast cooling and 'Night Mode' for energy saving and noise reduction.
- **LED Display:** Intuitive control panel for setting temperature, monitoring voltage, and selecting modes.
- **Battery Protection:** Three levels (H/M/L) to prevent vehicle battery depletion.
- **User-Friendly Design:** Includes removable crisper shelf, egg tray, bottle holder, and convenient interior LED light.
- **Low Noise Operation:** Operates at less than 45dB for a quiet environment.
- **Anti-45° Slip:** Designed to function normally even on uneven or bumpy surfaces.

## 4. SETUP



Follow these steps to set up your BODEGACOOLER RV Refrigerator for first use.

1. **Unpacking:** Carefully remove the refrigerator from its packaging. Retain all packaging materials for future transport or storage.
2. **Placement:** Place the refrigerator on a stable, level surface. Ensure there is adequate space around the unit for ventilation (at least 10 cm on all sides). Avoid placing it near direct heat sources or in direct sunlight.
3. **Initial Cleaning:** Before first use, wipe the interior and exterior with a damp cloth and mild detergent. Dry thoroughly.
4. **Power Connection:** Connect the refrigerator to a 12V or 24V DC power source using the provided cable. Ensure the connection is secure.
5. **Initial Power On:** Press the power button on the control panel to turn on the unit. The LED display will illuminate.

## 5. OPERATING INSTRUCTIONS

Learn how to control and optimize the performance of your refrigerator.

### 5.1 Temperature Control

The refrigerator allows you to adjust the temperature between 32°F (0°C) and 50°F (10°C).

- Use the + and - buttons on the LED display to set your desired temperature.
- The display will show the current internal temperature.

# 32-50°F Intelligent Refrigeration

BODEGACOOLER RV Fridge to Ensure Food is as Fresh as Ever



Figure 5.1: The refrigerator's interior, demonstrating its capacity for various items and the adjustable temperature range of 32-50°F.

## 5.2 Dual Operating Modes

Your refrigerator offers two modes to suit different needs:

- **Daytime Mode (Fast Cooling):** Provides maximum cooling performance for quick temperature reduction.
- **Night Mode (Energy Saving):** Optimizes energy consumption and reduces operational noise, ideal for overnight use.

To switch between modes, press the 'Settings' (gear icon) button on the control panel.



# Dual Mode Switching to Meet Different Needs



**Daytime Mode**  
High Efficiency Cooling



**Night Mode**  
Energy Saving & Noise Reduction



Figure 5.2: Illustration of the dual mode switching feature, showing icons for Daytime Mode (sun) and Night Mode (moon).

## 5.3 Battery Protection

The refrigerator includes a 3-level battery protection system (H/M/L) to prevent excessive discharge of your vehicle's battery.

- **H (High):** Highest protection, suitable for starting batteries. The refrigerator will cut off power at a higher voltage to ensure the vehicle can start.
- **M (Medium):** Moderate protection, suitable for most common vehicle batteries.
- **L (Low):** Lowest protection, suitable for deep cycle batteries or when connected to a dedicated power bank.

To adjust the battery protection level, press and hold the 'Settings' button until the battery icon flashes, then use the + or - buttons to select the desired level.



# H/M/L Battery Protection

Prevents Battery Depletion and Prioritises Driving



Automatic Voltage  
Monitoring



Low Voltage  
Stop Working



Figure 5.3: Visual representation of the H/M/L battery protection feature, emphasizing automatic voltage monitoring and low voltage stop working functions.

## 5.4 Low Noise Operation

The refrigerator is designed to operate with a low noise level, typically less than 45dB, ensuring a quiet environment during use.



# ≤45 db Low Noise

Enjoy the Journey in Peace and Ensure a Restful Night'S Sleep Every Night



Figure 5.4: A graphic illustrating the low noise level (≤45 dB) of the refrigerator compared to other common sounds, ensuring a peaceful environment.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your refrigerator.

### 6.1 Cleaning

- Always disconnect the power before cleaning.
- Clean the interior and exterior surfaces with a soft cloth dampened with a mild detergent solution.
- Do not use abrasive cleaners, harsh chemicals, or sharp objects to clean the refrigerator.
- Ensure the unit is completely dry before reconnecting power.
- Regularly clean the ventilation openings to ensure proper airflow.

### 6.2 Storage

- If storing the refrigerator for an extended period, ensure it is clean and dry.
- Leave the lid slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Refrigerator not turning on	No power supply; Loose connection; Blown fuse; Battery protection activated.	Check power cable connection; Verify power source; Check vehicle fuse; Adjust battery protection level (H/M/L).
Insufficient cooling	Temperature setting too high; Poor ventilation; Too much content; Door not sealed properly.	Lower temperature setting; Ensure clear ventilation; Do not overfill; Check door seal for obstructions.
Unusual noise	Unit not level; Items inside rattling; Fan obstruction.	Place on a level surface; Secure items inside; Check for debris near fan.
Error code on display	Specific internal issue.	Refer to the full error code list in the comprehensive manual (if available) or contact customer support.

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

## 8. SPECIFICATIONS

Detailed technical specifications for the BODEGACOOLER 60L RV Refrigerator.

Attribute	Value
Brand Name	BODEGA
Model Info	YC60-SV
Item Weight	43.1 pounds (19.6 Kilograms)
Product Dimensions	20.71 x 17.91 x 21.06 inches
Capacity	63.4 Quarts (60 Liters)
Installation Type	Freestanding
Form Factor	Chest

Attribute	Value
Special Features	Battery Protection H/M/L, Daytime/Night Cooling Choice, Support 12/24V DC, 32°F-50°F Setting, Adjustable Shelves, Inside Led Light Design
Color	Silver
Defrost System	Automatic
Number Of Doors	1



Figure 8.1: Illustration of the powerful compressor, highlighting its 5-year lifespan, low noise, long lifespan, and fast cooling capabilities.

## 9. WARRANTY AND SUPPORT



BODEGACOOLER is committed to providing quality products and excellent customer service.

## 9.1 Warranty Information

Your BODEGACOOLER RV refrigerator comes with the following warranty:

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

Please retain your proof of purchase for warranty claims.

## 9.2 Customer Support

If you have any questions about your BODEGACOOLER car freezer, require technical assistance, or need to make a warranty claim, please contact us via Amazon. We are dedicated to providing prompt and helpful responses to ensure your satisfaction.