

## ZOKOP BCD60

# ZOKOP BCD60 Portable Car Refrigerator User Manual

Model: BCD60

## 1. INTRODUCTION

Thank you for choosing the ZOKOP BCD60 Portable Car Refrigerator. This appliance is designed to provide efficient cooling and freezing for various items, suitable for both vehicle and home use. It operates on DC 12V/24V and AC 100-240V power sources, making it ideal for camping, road trips, and general outdoor or indoor use. Please read this manual thoroughly before operation to ensure proper use and maintenance.

## 2. SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, always follow these basic safety precautions:

- Ensure the power supply voltage matches the specifications of the refrigerator.
- Do not operate the refrigerator with a damaged cord or plug. If damaged, contact customer support.
- Avoid placing the refrigerator in direct sunlight or near heat sources.
- Ensure adequate ventilation around the unit. Do not block ventilation openings.
- Do not immerse the refrigerator in water or expose it to heavy rain.
- Keep children away from the refrigerator, especially when it is operating.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Always disconnect the power supply before cleaning or performing maintenance.

## 3. PRODUCT FEATURES

- **Compressor Cooling Technology:** Provides fast and deep cooling performance, ranging from -20°C to 10°C (-4°F to 50°F).
- **Dual Power Input:** Compatible with DC 12V/24V for vehicles and AC 100-240V for home use.

- **LCD Control Panel:** Features temperature display and ECO/MAX mode selection.
- **Battery Protection Mode:** Three levels (H1, H2, H3) to prevent vehicle battery discharge.
- **Portable Design:** Equipped with handles on both sides for easy transport.
- **Vibration Resistant:** Designed to operate safely on angles up to 45° from horizontal, suitable for off-road use.
- **Automatic Defrost System:** Simplifies maintenance.



Image: The ZOKOP BCD60 refrigerator showcasing its capacity to store a variety of items like ice cream, fruits, meats, and drinks, highlighting its versatility.

#### 4. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x ZOKOP BCD60 Refrigerator
- 1 x Storage Basket
- 1 x DC Power Cord (12V/24V)
- 1 x AC Power Adapter

- 1 x Instruction Book (This Manual)



Image: The included accessories: AC power adapter, DC power cord, and the user manual, alongside the ZOKOP logo.

## 5. SETUP AND INSTALLATION

### 5.1 Placement

Place the refrigerator on a flat, stable surface. Ensure there is sufficient space around the unit for proper ventilation (at least 10 cm or 4 inches on all sides). Avoid placing it in enclosed spaces or where airflow is restricted.



Image: The ZOKOP BCD60 refrigerator positioned in the trunk of a vehicle, demonstrating its portability and suitability for automotive use.

## 5.2 Power Connection

Connect the appropriate power cord to the refrigerator's power input port. Use the DC power cord for vehicle use (12V/24V socket) or the AC adapter with the AC power cord for home use (100-240V wall outlet).



Image: A close-up showing the DC 12V/24V and AC 100-240V power input ports on the refrigerator, indicating where to connect the power cables.

## 6. OPERATION

### 6.1 Control Panel Overview

The control panel allows you to manage the refrigerator's settings. Refer to the image below for button identification.



Increase °C



Reduce °C



ON/OFF button



Battery protection



Compressor speed



Turn on the light



Image: A detailed view of the control panel, showing buttons for temperature adjustment (up/down arrows), power ON/OFF, battery protection settings, compressor speed mode, and internal light control.

## 6.2 Basic Functions

- **Power ON/OFF:** Press the **ON/OFF button** to turn the unit on or off.
- **Temperature Adjustment:** Use the **Increase °C** and **Reduce °C** buttons to set the desired temperature. The display will show the current temperature and the set temperature.
- **ECO/MAX Mode:** Press the **Compressor speed** button to switch between ECO (energy-saving) and MAX (fast cooling) modes.
- **Internal Light:** Press the **Turn on the light** button to illuminate the interior.

## 7. TEMPERATURE SETTINGS

The refrigerator can be set to various temperatures to suit different storage needs:

- **Red Wine Storage:** Approximately 10°C (50°F)
- **Fruit:** 4°C - 6°C (39°F - 43°F)
- **Beverages:** 2°C - 5°C (36°F - 41°F)
- **Meat:** Approximately -10°C (14°F)

- **Ice Cream:** Approximately -15°C (5°F)

## 8. BATTERY PROTECTION MODE

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The refrigerator features three battery protection functions to safeguard both the appliance and your vehicle's battery from excessive discharge. These settings are adjustable via the control panel:

- **H3 (High):** Provides the highest level of battery protection, cutting off power at a higher voltage.
- **H2 (Medium):** A balanced protection level, recommended for general vehicle use.
- **H1 (Low):** Offers the least battery protection, allowing the refrigerator to run longer before cutoff.

It is recommended to set the battery protection to **H2 (Medium)** when using the refrigerator in a car to ensure optimal performance and battery longevity.

## 9. MAINTENANCE AND CARE

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### 9.1 Cleaning

- Always disconnect the power before cleaning.
- Clean the interior and exterior surfaces with a damp cloth and mild detergent.
- Do not use abrasive cleaners or harsh chemicals.
- Ensure the unit is dry before reconnecting power.

### 9.2 Defrosting

The ZOKOP BCD60 features an automatic defrost system. If ice buildup occurs, simply turn off the unit and allow the ice to melt naturally. Wipe away any melted water with a clean cloth.

## 10. TROUBLESHOOTING

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If you encounter issues with your refrigerator, refer to the following common problems and solutions:

- **Unit does not turn on:**
  - Check if the power cord is securely connected.
  - Verify the power source is active (vehicle socket, wall outlet).
  - Ensure the vehicle battery has sufficient charge if using DC power.
- **Cooling performance is poor:**
  - Check if the temperature setting is appropriate.
  - Ensure ventilation openings are not blocked.
  - Avoid frequent opening of the lid.
  - Verify the ambient temperature is not excessively high.
- **Error codes on display:**
  - Consult the specific error code in the detailed instruction book for resolution.

If problems persist, contact customer support.

# 11. SPECIFICATIONS

Feature	Specification
Brand	ZOKOP
Model Number	BCD60
Capacity	60 Liters (64 Quarts)
Cooling Method	Compressor
Temperature Range	-20°C to 10°C (-4°F to 50°F)
Power Input	DC 12V/24V, AC 100-240V
Defrost System	Automatic
Number of Doors	1
Number of Shelves	1 (Basket)
Lock Type	Key
Manufacturer	Shanghai Cross Boder Ecommerce Co.,Ltd
UPC	713719747998



Image: Dimensional drawing of the ZOKOP BCD60 refrigerator, including external measurements and internal basket dimensions.

## 12. WARRANTY AND SUPPORT

For any questions, support, or warranty claims, please contact ZOKOP customer service. Please have your model number and purchase information ready when contacting support.

**Email:** [support@groviva.com](mailto:support@groviva.com)

**Phone:** 1-800-682-7292

Please refer to the original purchase documentation for specific warranty terms and conditions.