

## Alpicool GES55

# Alpicool GES55 41L Portable Car Refrigerator

## INSTRUCTION MANUAL

### Introduction

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Thank you for purchasing the Alpicool GES55 41L Portable Car Refrigerator. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read this manual thoroughly before use and retain it for future reference.

### Safety Instructions

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- Ensure the power supply voltage matches the specifications of the refrigerator.
- Do not operate the refrigerator if the power cord is damaged. Contact customer support for assistance.
- Keep the ventilation openings clear of obstructions to ensure proper airflow.
- Avoid placing the refrigerator in direct sunlight or near heat sources.
- 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 flammable propellants in this appliance.
- Always disconnect the power supply before cleaning or performing maintenance.

### Product Overview

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The Alpicool GES55 is a versatile portable refrigerator designed for both vehicle and home use, featuring dual compartments with independent temperature control.



**Independent 2-Lid Design:** The refrigerator features two independent lids, allowing separate access to each compartment. This design helps prevent temperature fluctuations in one compartment when the other is opened and prevents flavors from mixing. The lid opening direction can also be adjusted for convenience.



**3-Way Power Supply:** This unit supports DC 12V/24V for vehicles (cars, trucks) and AC 100V-240V for household use. It can also be powered by a portable power supply (sold separately) for extended outdoor use, making it suitable for various scenarios including camping, outdoor events, and emergency situations.



**Product Components and Accessories:** The diagram shows the main parts of the refrigerator, including the seal strip, lid locks, LED interior light, control panel, built-in handle, compressor compartment, and power input terminal. Included accessories are the DC power cord (approx. 2.5m), AC power cord with adapter (approx. 2.2m), and the instruction manual.



**Integrated Bottle Opener:** A convenient bottle opener is integrated into the design, useful for camping or BBQ when you might forget to bring one.



**LED Interior Light:** An LED light is built into the interior. It automatically turns on when the lid is opened and turns off when closed, providing visibility in dark environments.



**Shockproof Design with Fixing Holes:** The refrigerator is designed to operate stably even when tilted up to 45 degrees. It includes fixing holes on the side for secure installation in a vehicle using a separate fixing belt.

## Setup

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1. **Unpacking:** Carefully remove the refrigerator from its packaging. Inspect for any damage during transit.
2. **Placement:** Place the refrigerator on a flat, stable surface. Ensure there is adequate space around the unit for proper ventilation (at least 10 cm on all sides).
3. **Power Connection:**
  - **For Vehicle Use (DC 12V/24V):** Connect the DC power cord to the refrigerator's DC input port

and then to your vehicle's cigarette lighter socket.

- **For Home Use (AC 100V-240V):** Connect the AC power cord with the adapter to the refrigerator's AC input port and then to a standard wall outlet.

4. **Initial Cleaning:** Before first use, wipe the interior with a damp cloth and mild detergent. Dry thoroughly.

## Operating Instructions

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1. **Power On/Off:** Press the power button on the control panel to turn the unit on or off.
2. **Temperature Setting:**
  - The Alpicool GES55 features two compartments (Left/Large and Right/Small) with independent temperature control.
  - Press the 'Settings' button to cycle through temperature settings for each compartment.
  - Use the '+' and '-' buttons to adjust the desired temperature for the selected compartment. The temperature range is -20°C to 20°C.
3. **Mode Selection (ECO/HH):**
  - Press and hold the 'Settings' button for a few seconds to switch between ECO (Energy Saving) and HH (Rapid Freezing) modes.
  - **ECO Mode:** Optimizes for lower power consumption (approx. 450Wh/day).
  - **HH Mode:** Provides rapid cooling performance, capable of reaching 0°C in approximately 15 minutes and -20°C in approximately 60 minutes.
4. **Low Voltage Protection:** The unit features a 3-level battery protection system (High, Medium, Low) to prevent your vehicle battery from draining. Adjust this setting based on your vehicle's battery condition and usage. Refer to the control panel for current battery level indication.
5. **LED Interior Light:** The interior LED light activates automatically when a lid is opened.

## Maintenance

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- **Cleaning:** Regularly clean the interior and exterior of the refrigerator with a damp cloth and mild detergent. Do not use abrasive cleaners or solvents.
- **Defrosting:** If ice builds up, turn off the unit and allow the ice to melt naturally. Remove water with a cloth.
- **Ventilation:** Keep the air vents clean and free from dust or debris to ensure efficient operation.
- **Storage:** When not in use for an extended period, ensure the unit is clean and dry. Store it in a cool, dry place with the lids slightly ajar to prevent odors.

## Troubleshooting

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Problem	Possible Cause	Solution
Refrigerator does not turn on.	No power supply; damaged power cord; low voltage protection activated.	Check power connection; replace damaged cord; adjust low voltage protection setting or charge battery.

Problem	Possible Cause	Solution
Insufficient cooling.	Lid not closed properly; blocked ventilation; ambient temperature too high; incorrect temperature setting.	Ensure lid is sealed; clear vents; move to cooler area; adjust temperature setting.
Unusual noise.	Unit not level; fan obstruction.	Place on a level surface; check for obstructions in fan area.
Error code displayed.	Internal fault.	Refer to the specific error code in the detailed manual or contact customer support.

## Specifications

Feature	Detail
Model	GES55
Capacity	41 Liters (29L + 12L)
Temperature Range	-20°C to 20°C
Power Input	DC 12V/24V, AC 100V-240V
Dimensions (D x W x H)	36.5 cm x 61.4 cm x 52.2 cm
Weight	13.8 kg
Noise Level	Approx. 45dB
Special Features	Digital Temperature Control, Large Capacity, Energy Saving (ECO/HH modes), Shockproof, Quiet Operation, LED Interior Light, Bottle Opener, Low Voltage Protection
Included Components	Refrigerator body, AC power cord + adapter, DC power cord, Instruction Manual

## Warranty and Support

### Warranty Period:

- Compressor: 3 years from the date of purchase.
- Other accessories: 1 year from the date of purchase.

This warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

### Customer Support:

If you have any questions or encounter issues with your product, please do not hesitate to contact our customer support team. We offer 24-hour support to assist you.

Please refer to the contact information provided in your included instruction manual for specific details.

