

[Manuals.plus](#) /

› [ELECAENTA](#) /

› ELECAENTA 43qt Dual Zone Car Fridge User Manual

ELECAENTA 43qt Dual Zone Car Fridge

ELECAENTA 43qt Dual Zone Car Fridge User Manual

Model: 43qt Dual Zone Car Fridge

1. PRODUCT OVERVIEW

The ELECAENTA 43qt Dual Zone Car Fridge is a versatile portable refrigerator and freezer designed for various outdoor and indoor applications. It features dual compartments with independent temperature control, allowing for simultaneous refrigeration and freezing.



Figure 1: ELECAENTA 43qt Dual Zone Car Fridge with its detachable battery and a smartphone displaying the control app.

Key Features:

- **Dual Temperature Zones:** Two separate compartments (33 quarts and 10 quarts) with individual temperature control, ranging from -20°C (-4°F) to 20°C (68°F).
- **Multiple Power Supply Methods:** Supports 12/24V DC, 110-240V AC, solar panel power, and includes a detachable battery for extended use.
- **Fast Cooling & Energy Saving:** Features Max mode for rapid cooling and Eco mode for energy efficiency.
- **Battery Protection System:** Three-level battery protection to prevent vehicle battery drain.
- **Durable & Portable Design:** Shockproof construction, capable of handling rough terrain, with user-friendly handles, heavy-duty pull rods, and durable wheels for easy transport.
- **Low Noise Operation:** Operates at approximately 45 decibels, ensuring minimal disturbance.

2. SETUP GUIDE

2.1 Unpacking

Carefully remove the car fridge from its packaging. Inspect the unit for any signs of damage during transit. Retain the original packaging for future storage or transport.

2.2 Battery Installation

The detachable battery provides portable power for your car fridge. Follow these steps to install the battery:

1. Locate the battery compartment on the side of the car fridge.
2. Open the battery compartment cover.
3. Align the battery with the compartment and gently slide it in until it clicks into place.
4. Close the battery compartment cover securely.

4 STEPS TO INSTALL



Figure 2: Step-by-step visual instructions for battery installation.

15600mAh/173Wh CAR REFRIGERATOR BATTERY

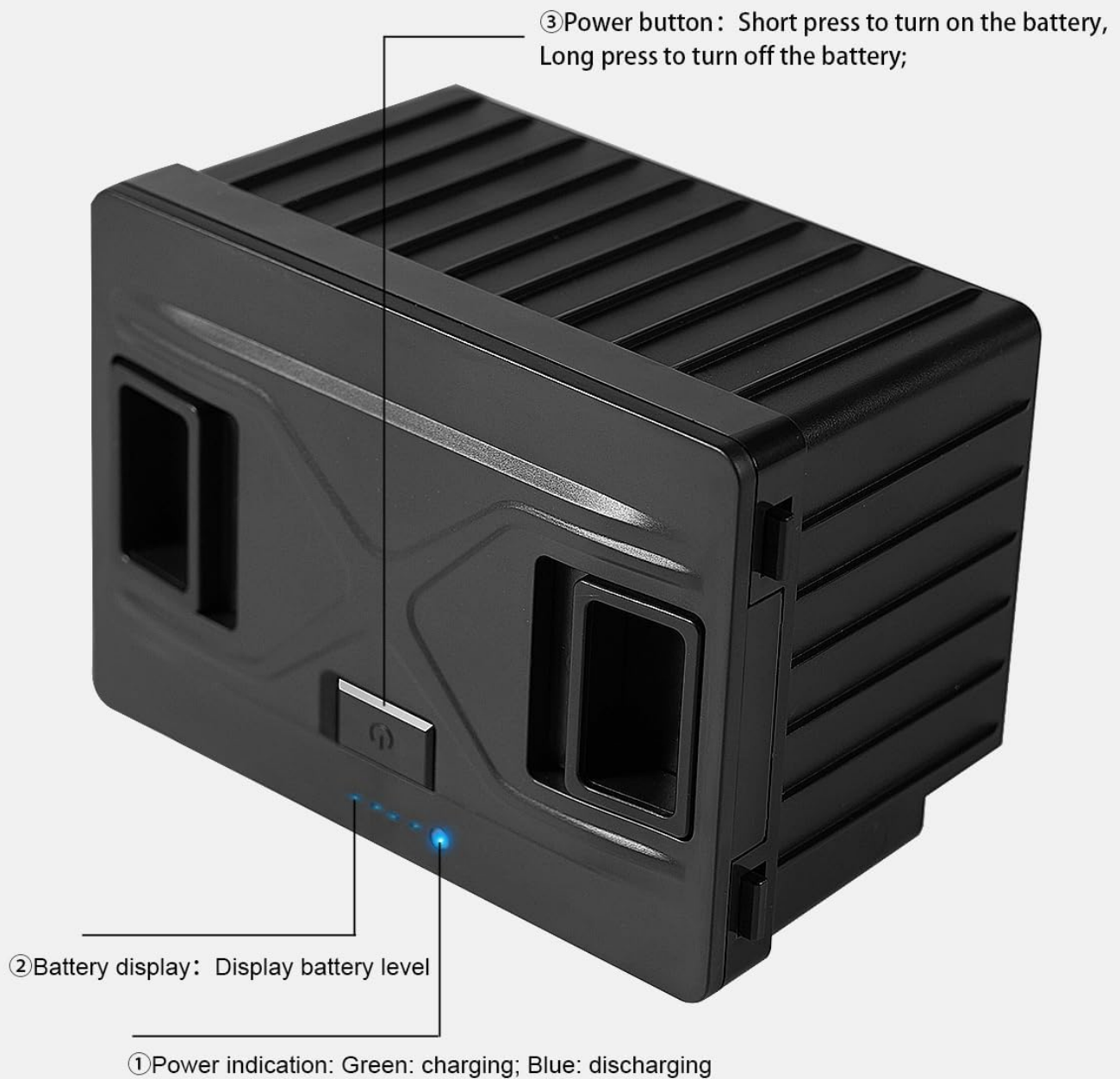


Figure 3: Detailed view of the detachable battery, showing power button and charge indicators.

2.3 Power Connection

The car fridge supports multiple power sources:

- **DC Power (12V/24V):** Connect the DC power cable to the car's cigarette lighter socket or a compatible 12V/24V power outlet.
- **AC Power (110-240V):** Use the AC adapter to connect the fridge to a standard wall outlet.

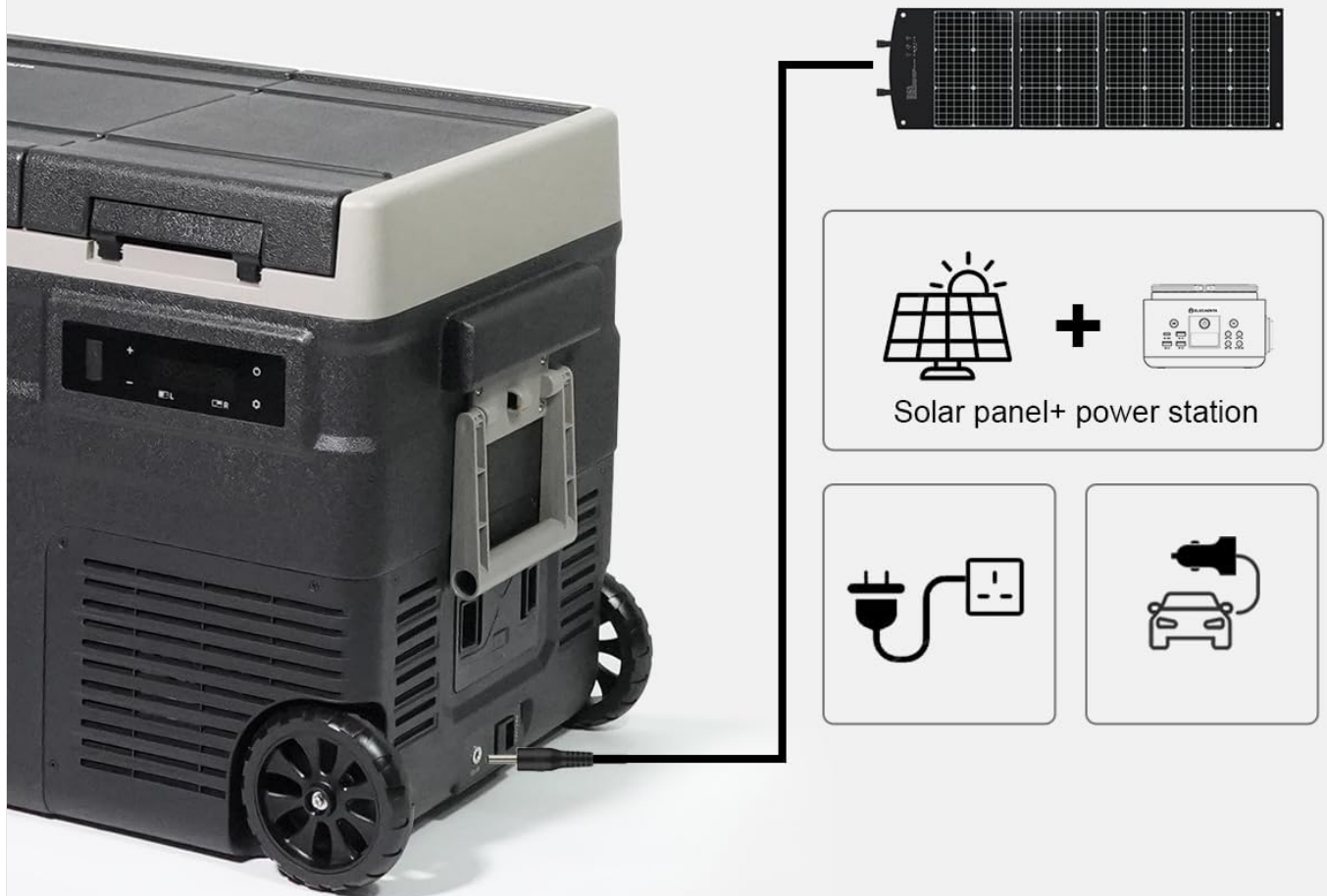
- **Solar Power:** Connect a compatible solar panel (sold separately) to the solar input port. Ensure the battery is installed for solar charging.



Figure 4: Illustration of the four charging methods: Battery Powered, AC Charging, DC Charging, and Solar Charging.

4 CHARGING METHODS

Support AC, DC, car charger, solar panel charging



*Note: When you need to charge the battery, please install it on the UD45 refrigerator and charge it via AC/DC/solar panel.

Figure 5: Connection diagram for various power sources including solar panel, AC, and DC.

3. OPERATING INSTRUCTIONS

3.1 Control Panel

The control panel is located on the top surface of the fridge. It includes buttons for power, temperature adjustment, and mode selection, along with a digital display.

3.2 Temperature Adjustment

To adjust the temperature for each zone:

1. Press the 'Set' button to select the zone you wish to adjust.
2. Use the '+' and '-' buttons to increase or decrease the temperature.
3. The display will show the target temperature, then revert to the current temperature after a few seconds.

DUAL TEMPERATURE ZONES & DUAL CONTROL

REFRIGERATOR/ FREEZER COMBINATION,
-20°C (-4°F) TO 20°C (68°F)
POWERFUL COOLING PERFORMANCE



Figure 6: Interior view demonstrating the dual temperature zones for different types of items.

3.3 Operating Modes

The fridge offers two operating modes:

- **Max Mode:** Provides rapid cooling for quick temperature reduction. Ideal when initially loading warm items or needing fast chilling.
- **Eco Mode:** Optimizes power consumption for energy saving. Recommended for maintaining temperature over

longer periods.

Press the 'Mode' button on the control panel to switch between Max and Eco modes.

3.4 Battery Protection System

The fridge features a three-level battery protection system to prevent your vehicle's battery from draining. You can select the protection level (High, Medium, Low) via the control panel settings. Refer to the detailed instructions in the full manual for specific steps.

4. MAINTENANCE

4.1 Cleaning

To ensure optimal performance and hygiene:

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

4.2 Storage

When storing the fridge for extended periods:

- Empty all contents and clean the interior thoroughly.
- 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.

4.3 Battery Care

For the detachable battery:

- Charge the battery fully before first use.
- If storing the battery for a long time, charge it to about 50-70% every 3-6 months to maintain its lifespan.
- Avoid exposing the battery to extreme temperatures.

5. TROUBLESHOOTING

If you encounter issues with your ELECAENTA car fridge, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Fridge not turning on	No power supply; Loose connection; Blown fuse; Battery depleted.	Check power cable connection; Ensure power source is active; Check vehicle fuse; Charge or replace battery.

Problem	Possible Cause	Solution
Insufficient cooling	Ventilation blocked; Ambient temperature too high; Door not sealed properly; Eco mode active.	Ensure proper ventilation around the unit; Avoid direct sunlight; Check door seal; Switch to Max mode.
Unusual noise	Unit not level; Fan obstruction; Compressor issue.	Place fridge on a flat, stable surface; Check for debris near fan; If noise persists, contact support.
Error code on display	Specific internal fault.	Refer to the full manual for specific error code meanings or contact customer support.

6. TECHNICAL SPECIFICATIONS

Specification	Value
Brand	ELECAENTA
Model	43qt Dual Zone Car Fridge
Capacity (Total)	43 Quarts (approx. 40.7 liters)
Refrigerator Fresh Food Capacity	33 Quarts
Temperature Range	-20°C (-4°F) to 20°C (68°F)
Power Input	12V/24V DC, 110-240V AC, Solar
Battery Capacity	15600mAh / 173Wh (Detachable)
Cooling Method	Compressor
Noise Level	Approx. 45 dB
Number of Doors	2
Defrost System	Automatic
Form Factor	Portable
Installation Type	Freestanding

7. WARRANTY AND SUPPORT

This ELECAENTA product is designed for durability and performance. For specific warranty details, please refer to the warranty card included with your purchase or visit the official ELECAENTA website. For technical support, troubleshooting assistance, or spare parts, please contact ELECAENTA customer service through their official channels.

Return Policy: As per standard policy, this product may be eligible for return or replacement within 30 days of purchase. Please consult your retailer's return policy for full details.

© 2025 ELECAENTA. All rights reserved.

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