

EUHOMY CF020-10

EUHOMY 10L Portable Car Refrigerator Freezer User Manual CF020-10

Model: CF020-10

1. IMPORTANT SAFETY INSTRUCTIONS

Please read all safety instructions carefully before operating the EUHOMY 10L Portable Car Refrigerator Freezer. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Ensure the power supply matches the voltage specified on the appliance. Do not operate the unit with a damaged power cord or plug. Avoid using extension cords unless absolutely necessary and ensure they are rated for the appliance's power consumption.
- **Ventilation:** Maintain adequate ventilation around the unit. Do not block ventilation openings. Ensure at least 10 cm of space around all sides for proper airflow.
- **Placement:** Place the refrigerator on a stable, level surface. Avoid direct sunlight or heat sources. Do not expose the unit to rain or excessive moisture.
- **Cleaning:** Always unplug the unit before cleaning. Use a damp cloth for cleaning; do not immerse the unit in water.
- **Children:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- **Temperature:** The unit operates within a temperature range of -20°C to 20°C. Do not attempt to cool items beyond this range.

2. PRODUCT OVERVIEW

2.1 What's Included

- EUHOMY 10L Portable Car Refrigerator Freezer
- AC Power Adapter (110-240V)
- DC Power Cable (12/24V)
- User Manual

2.2 Key Features

- **Fast Cooling:** Equipped with an advanced compressor, capable of cooling from 20°C to 0°C in approximately 15 minutes.
- **Energy Efficient:** UL certified with an average power consumption of 45W. Features ECO mode for battery health and MAX mode for rapid cooling.
- **Smart Battery Protection:** Three adjustable levels (L/M/H) to prevent over-discharge or draining your vehicle's battery.
- **Dual Power Supply:** Operates on 12/24V DC (for vehicles) or 110-240V AC (for home/power station).
- **Compact 10L Capacity:** Designed to store beverages, water, meats, seafood, cheeses, vegetables, and fruits.
- **User-Friendly Design:** Features an LCD display for temperature control, a removable handle for portability, two cup holders, and low noise operation (42dB).
- **Portable:** Weighs only 7 kg, making it easy to transport.

2.3 Component Identification

Familiarize yourself with the main components of your portable refrigerator.



Figure 1: Overview of the EUHOMY 10L Portable Car Refrigerator, showing its compact size, 10-liter capacity, and internal dimensions (30*24.9*14.7 CM). It can hold approximately 12 cans of 330ml cola or 7 bottles of 550ml water.

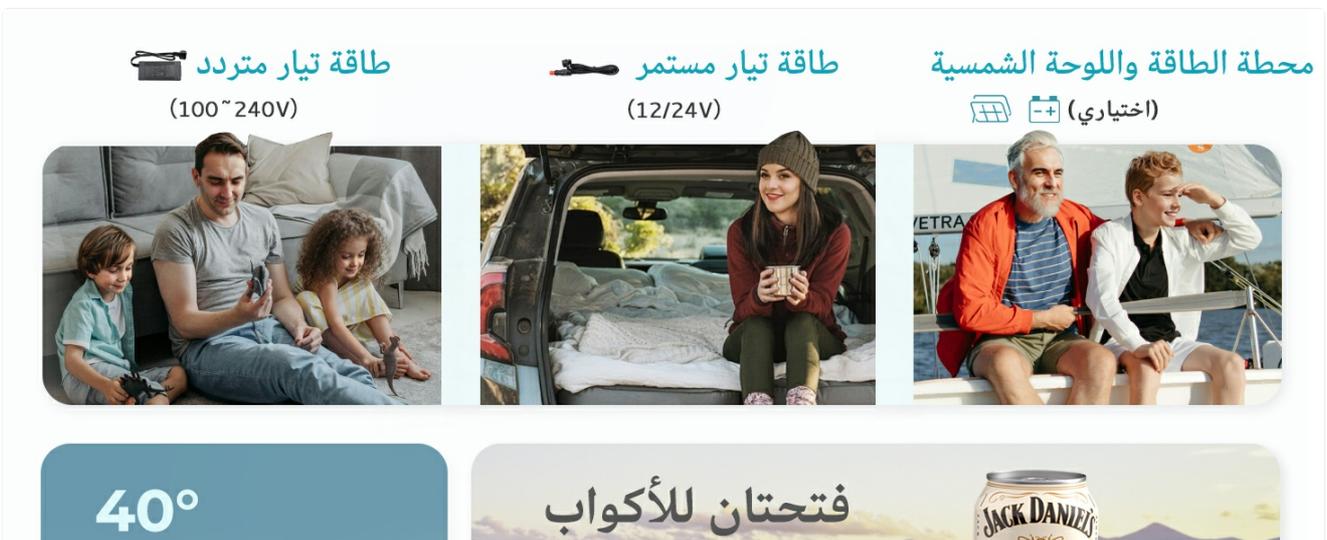


Figure 2: The portable design of the refrigerator, weighing only 7 kg, allows for easy transport and use anywhere.

PORTABLE DESIGN

تصميم محمول

Bring anywhere

احملها معك أينما كنت

only **7** kg

٧ كجم فقط



Figure 3: The top of the refrigerator features two convenient cup holders and an anti-slip surface, enhancing usability during travel.

3. SETUP

3.1 Unpacking and Initial Cleaning

- Carefully remove the refrigerator from its packaging.
- Inspect the unit for any damage incurred during shipping.
- Before first use, wipe the interior and exterior with a damp cloth and mild detergent. Dry thoroughly.

3.2 Power Connection

Your EUHOMY portable refrigerator supports both AC and DC power inputs.



Figure 4: The refrigerator can be powered using the included AC power cord (100-240V) for home use, the DC power cord (12/24V) for vehicle use, or optionally connected to a power station or solar panel.

- **DC Power (12/24V):** Connect the DC power cable to the refrigerator's DC input port and then to your vehicle's cigarette lighter socket or 12/24V power outlet.
- **AC Power (110-240V):** Connect the AC power adapter to the refrigerator's AC input port, then plug the adapter into a standard wall outlet.
- **Power Station/Solar Panel (Optional):** For extended off-grid use, the unit can be connected to a compatible power station or solar panel (sold separately).

3.3 Battery Protection Setting

The refrigerator features a 3-level battery protection system to prevent your vehicle's battery from draining. Adjust this setting based on your battery type and usage.



Figure 5: Smart battery protection levels (L/M/H) prevent excessive battery discharge. H (High) is recommended for car batteries, M (Medium) for most uses, and L (Low) for power stations or when battery drain is not a concern.

- **H (High):** 11.1V-12.4V (Recommended for car batteries to prevent starting issues).
- **M (Medium):** 10.4V-11.7V (Default setting, suitable for most applications).
- **L (Low):** 8.5V-10.9V (Suitable for external power sources like power stations, where battery drain is less critical).
- To change the setting, press the 'SET' button on the control panel until the battery icon flashes, then use the '+' or '-' buttons to select the desired level.

4. OPERATION

4.1 Control Panel Functions

The LED control panel allows you to manage the refrigerator's settings.



Figure 6: The LED control panel features buttons for temperature adjustment (Temp up/down), mode selection (Eco/Max/Battery Protection), and power on/off.

- **Power Button (On/Off):** Press to turn the unit on or off.
- **Temperature Up (+):** Increases the target temperature.
- **Temperature Down (-):** Decreases the target temperature.
- **SET Button:** Cycles through settings like battery protection level and cooling mode.

4.2 Setting Temperature

- With the unit powered on, use the '+' and '-' buttons to set your desired temperature. The display will show the current internal temperature and then briefly flash the set temperature.
- The refrigerator will automatically adjust to reach and maintain the set temperature.

4.3 Cooling Modes (ECO/MAX)

Choose between energy-saving or rapid cooling modes.



Figure 7: Select between ECO mode for energy efficiency, ideal for maintaining temperature, or MAX mode for rapid cooling when

quick temperature drops are needed.



Figure 8: The powerful compressor enables fast cooling, reaching 0°C from 20°C in just 15 minutes, and capable of reaching temperatures as low as -20°C.

- **ECO Mode:** Prioritizes energy efficiency, suitable for maintaining temperatures over longer periods.
- **MAX Mode:** Provides rapid cooling, ideal for quickly chilling contents.
- To switch modes, press the 'SET' button until the mode icon flashes, then use the '+' or '-' buttons to select ECO or MAX.

5. MAINTENANCE

5.1 Cleaning

- Always unplug the unit before cleaning.
- Use a soft cloth dampened with mild detergent to clean the interior and exterior surfaces.
- Do not use abrasive cleaners, harsh chemicals, or sharp objects, as these can damage the unit.
- Ensure the unit is completely dry before plugging it back in.

5.2 Defrosting

- If a layer of frost forms inside the unit, turn off the refrigerator and unplug it.
- Allow the frost to melt naturally. Do not use sharp objects or heating devices to speed up defrosting.
- Wipe away melted water with a clean cloth.

5.3 Storage

- When not in use for an extended period, ensure the unit is clean and dry.
- Store the refrigerator in a dry, well-ventilated area, 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 EUHOMY portable refrigerator, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Unit does not power on	No power supply; Damaged power cord/adapter; Blown fuse in vehicle.	Check power connection; Try a different outlet/vehicle socket; Inspect power cord/adapter for damage; Check vehicle fuse.
Not cooling sufficiently	Temperature setting too high; Poor ventilation; Too much content; Door not sealed properly.	Lower temperature setting; Ensure adequate space around unit; Do not overfill; Check door seal for obstructions.
Display shows error code	Specific internal fault.	Refer to the full user manual for specific error code meanings, or contact customer support.
Excessive noise	Unit not level; Fan obstruction.	Place on a level surface; Check for any obstructions around the fan.

If the problem persists after attempting these solutions, please contact EUHOMY customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Brand Name	EUHOMY
Model Information	CF020-10
Product Dimensions	48 x 24.25 x 32 cm
Item Weight	7 Kilograms
Capacity	10 Liters
Annual Energy Consumption	180 kWh per year
Fresh Food Capacity	10 Liters
Freezer Capacity	10 Liters
Installation Type	Freestanding
Form Factor	Built-in internal freezer
Special Features	Low noise, Frost-free, Inverter compressor, Portable
Color	Grey
Voltage	12 Volts (DC), 110-240 Volts (AC)
Defrost System	Frost-free
Door Hinges	Right

Feature	Detail
Included Components	AC adapter, Car refrigerator, DC power cable, User manual
Batteries Required?	No

8. WARRANTY AND SUPPORT

EUHOMY provides a 2-year technical support for this portable refrigerator. If you have any questions or require assistance, please contact EUHOMY customer service.

- **Technical Support:** 2 years of technical support from the date of purchase.
- **Contact:** For any inquiries regarding your car refrigerator, please reach out to EUHOMY customer support. We will assist you as soon as possible.