



[Manuals.plus](#) /

> [AUTOOMMO](#) /

> AUTOOMMO 12 Volt Portable Car Refrigerator User Manual

## AUTOOMMO AT011

# AUTOOMMO 12 Volt Portable Car Refrigerator User Manual

Model: AT011 | Brand: AUTOOMMO

## IMPORTANT SAFETY INFORMATION

---

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

- Do not operate the refrigerator if the power cord is damaged.
- Ensure proper ventilation around the unit. Do not block air vents.
- Avoid placing the refrigerator in direct sunlight or near heat sources.
- Do not immerse the unit in water or expose it to heavy rain.
- Always disconnect power before cleaning or performing maintenance.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.
- The refrigerator contains flammable refrigerants. Dispose of the unit according to local regulations.

## PRODUCT OVERVIEW

---

The AUTOOMMO 12 Volt Portable Car Refrigerator (Model AT011) is designed for versatile cooling and freezing on the go. It features a robust compressor for rapid cooling, a unique dual-zone design, and multiple power options, making it ideal for camping, road trips, RVs, and home use.



Figure 1: AUTOOMMO 34 Quarts Portable Car Refrigerator. This image shows the main unit with its lid open, revealing various beverages and fruits stored inside, demonstrating its capacity and design.

## Key Features:

- **Spacious 34-Quart Capacity:** Accommodates up to 48 cans of 330ml cola or 38 bottles of 350ml beer.
- **Rapid Cooling & Energy Efficiency:** Features "HH" mode for quick freezing (58°F to 32°F in 15 minutes) and "ECO" mode for energy saving (less than 1 KW-H/Day).
- **Unique Dual-Zone Design:** Separate freezer compartment (-4°F~50°F) and refrigeration zone (46°F~50°F) with LED screen temperature control for the freezer zone.
- **Versatile Power Compatibility:** Includes 12/24V DC adapter for car/RV and 110V/240V AC adapter for home. Compatible with storage batteries and solar panels.
- **Enhanced Convenience:** Ultra-quiet 30dB operation, anti-slip pads for stability, and a built-in LED light.

## WHAT'S IN THE BOX

Upon unpacking, please ensure all items listed below are present and in good condition:

- Car Refrigerator (1 unit)
- AC Adapter (1 unit)
- 12V DC Adapter (1 unit)
- User Manual (1 unit)

## SETUP

---

### Initial Placement and Ventilation:

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). Avoid placing it near heat sources or in direct sunlight.

### Power Connection:

The AUTOOMMO refrigerator supports multiple power inputs:

- **12/24V DC (Car/RV):** Use the provided 12/24V DC adapter. Plug one end into the refrigerator's DC input port and the other into your vehicle's cigarette lighter socket.
- **100/240V AC (Home Outlet):** Use the provided AC adapter. Plug the adapter into the refrigerator's AC input port, then plug the adapter's power cord into a standard wall outlet.
- **Alternative Power Sources:** The unit can also be powered by compatible storage batteries or solar panels (sold separately). Refer to the specific instructions for these power sources for proper connection.



Figure 2: Versatile Power Supply Options. This image illustrates the three primary methods for powering the refrigerator: via a car's 12/24V DC outlet, a standard home 110-240V AC outlet, or a solar power station, highlighting its adaptability for various environments.

After connecting power, allow the unit to stand upright for at least 6 hours before initial use to allow the refrigerant to settle, especially if it was tilted during transport.

## OPERATING INSTRUCTIONS

### Powering On/Off:

Press the power button on the control panel to turn the unit on or off. The LED display will illuminate when the unit is active.

### Temperature Control:

Use the "UP" and "DOWN" buttons on the control panel to adjust the desired temperature. The LED screen displays the current temperature of the freezer zone. The temperature range for the freezer is -4°F to 50°F (-20°C to 10°C).



Figure 3: Rapid Cooling Performance. This graphic illustrates the refrigerator's ability to quickly cool down, reaching temperatures as low as -4°F within 15 minutes, demonstrating its efficient compressor.

### Operating Modes:

- **HH Mode (Rapid Freezing):** For quick cooling and freezing, select the "HH" mode. This mode utilizes maximum compressor power to reach desired temperatures rapidly.
- **ECO Mode (Energy Saving):** For extended use and energy conservation, select the "ECO" mode. This mode optimizes power consumption, drawing as little as 1 KW-H per day.

### Dual-Zone Operation:

The refrigerator features a dual-zone design with a larger freezer compartment and a smaller refrigeration zone. While the freezer temperature is adjustable, the refrigeration zone maintains a temperature range of 46°F~50°F (8°C~10°C) suitable for fruits and vegetables.

# DUAL ZONE

## Cooling and Freezing



	<b>50°F</b> Fruit and vegetable
	<b>32°F</b> Drink
	<b>1.4°F</b> Ice cream
	<b>-4°F</b> Meat

### ECO Mode

ENERGY SAVING

less than **1KWH** per day.

**45W**



### MAX Mode

FAST COOLING

**62W**



Figure 4: Dual Zone Cooling and Freezing. This image highlights the refrigerator's internal layout, showing a larger section for frozen items like meat and a smaller section for refrigerated items such as fruits and vegetables, along with recommended temperatures for different food types.

### Battery Protection Modes:

The unit includes 3 car battery protection modes to prevent draining your vehicle's battery. These modes automatically shut off the refrigerator if the input voltage drops below a certain level. Refer to the control panel settings for adjusting these modes (High, Medium, Low).

### Internal LED Light:

A built-in LED light illuminates the interior when the lid is opened, making it easy to locate items in low-light conditions.

## MAINTENANCE

### Cleaning:

- Always disconnect the power supply before cleaning.

- Clean the interior and exterior surfaces with a damp cloth and mild detergent.
- Do not use abrasive cleaners or sharp objects, as they can damage the surfaces.
- Ensure the unit is completely dry before reconnecting power.

## Defrosting:

This refrigerator features manual defrost. Frost buildup can reduce cooling efficiency. To defrost:

1. Turn off the unit and disconnect the power.
2. Remove all contents from the refrigerator.
3. Leave the lid open to allow frost to melt naturally. You can place a towel inside to absorb water.
4. Once defrosted, wipe the interior dry with a clean cloth.
5. Reconnect power and resume operation.

## TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; loose connection; blown fuse in vehicle.	Check power cable connection; ensure power source is active; check vehicle's fuse box.
Not cooling sufficiently.	Lid not closed properly; blocked ventilation; excessive contents; high ambient temperature; ECO mode selected.	Ensure lid is sealed; clear vents; reduce contents; move to cooler area; switch to HH mode.
Display shows "E02" error.	Condenser cooling fan malfunction.	Turn off the unit, disconnect power, wait a few minutes, then restart. If the error persists, contact customer support.
Unit is noisy.	Unit not level; fan obstruction.	Ensure unit is on a flat surface; check for any obstructions around the fan. Note: Normal compressor operation produces some sound.
Does not auto-resume cooling after power interruption (e.g., turning off car engine).	Specific setting or design for power-saving.	Manually turn the unit back on after power is restored. This is a known characteristic for some models to prevent continuous battery drain.

## SPECIFICATIONS

Attribute	Detail
Brand	AUTOOMMO
Model Number	AT011
Capacity	34 Quarts (32 Liters)

Attribute	Detail
Freezer Capacity	26 Liters
Refrigerator Fresh Food Capacity	6 Liters
Temperature Range (Freezer)	-4°F to 50°F (-20°C to 10°C)
Temperature Range (Refrigerator)	46°F to 50°F (8°C to 10°C)
Power Input	12/24V DC, 100/240V AC
Wattage	55 watts
Item Weight	33 pounds (14.97 kg)
Product Dimensions (L x W x H)	22.4 x 14.6 x 14.8 inches (56.9 x 37.1 x 37.6 cm)
Noise Level	≤30dB
Defrost System	Manual
Color	Grey

# 34QT MASSIVE CAPACITY

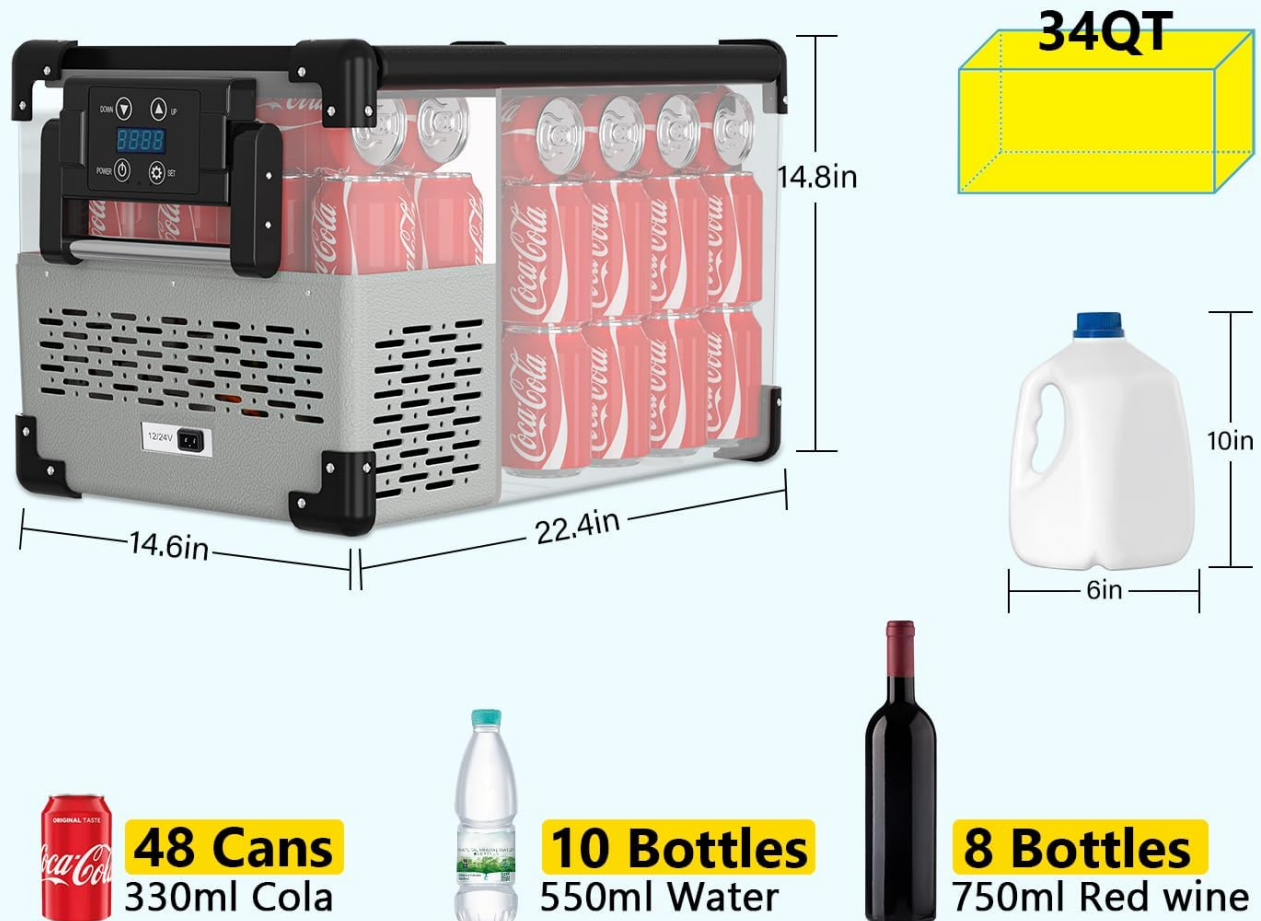


Figure 5: Dimensions and Capacity. This diagram provides a visual representation of the refrigerator's external dimensions and internal capacity, showing how many cans of cola, bottles of water, or bottles of red wine it can hold.

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the detailed warranty card or contact information provided in the physical user manual included with your product. You may also visit the official AUTOOMMO brand store on Amazon for further assistance and contact details.

[Visit the AUTOOMMO Store on Amazon](#)