

AAOBOSI SU-PG36E

AAOBOSI 40 Quart (36L) Portable Car Refrigerator Freezer SU-PG36E User Manual

Model: SU-PG36E | Brand: AAOBOSI

1. INTRODUCTION

Thank you for choosing the AAOBOSI 40 Quart (36L) Portable Car Refrigerator Freezer. This versatile appliance is designed to keep your food and beverages chilled or frozen, offering convenience for camping, road trips, RV travel, and other outdoor activities. Featuring a powerful compressor, wide temperature range, multiple power options, Wi-Fi APP control, and an integrated Bluetooth speaker, this unit provides reliable performance and enhanced user experience. Please read this manual thoroughly before operation to ensure proper use and maintenance.

2. IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before using the appliance.
- Do not operate the refrigerator if the power cord is damaged. Contact customer support for assistance.
- Ensure adequate ventilation around the unit. Do not block ventilation openings.
- Avoid placing the refrigerator in direct sunlight or near heat sources.
- Do not immerse the unit in water or expose it to heavy rain.
- Keep children away from the refrigerator, especially when it is operating.
- Unplug the unit before cleaning or performing any maintenance.
- Use only the provided power adapters and cables.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

3. PACKAGE CONTENTS

Please check that all items are included in your package:

- AAOBOSI Portable Car Refrigerator Freezer
- 12/24V DC Power Cable (for car use)
- 100-240V AC Power Adapter (for home use)
- User Manual
- Cutting Board

4. PRODUCT OVERVIEW



Figure 4.1: AAOBOSI portable car refrigerator with drinks, fruits, and Bluetooth music control. This image displays the AAOBOSI portable car refrigerator, showcasing its capacity for beverages and fresh produce. The integrated Bluetooth speaker functionality is highlighted, indicating music playback control via a smartphone.



Figure 4.2: AAOBOSI multi-functional 12V refrigerator storing various

food items and indicating music playback. This image illustrates the AAOBOSI refrigerator's capability to store diverse items such as drinks, fruits, meats, milk, and vegetables, highlighting its dual function as both a cooler and a portable entertainment device with integrated speakers.



Figure 4.3: Close-up features of the AAOBOSI car refrigerator: telescopic handle, digital display, wheels, and cooling fan. This composite image highlights key design elements of the AAOBOSI refrigerator, including its adjustable telescopic handle for easy transport, a clear high-definition digital display for settings, robust wheels with an effective grip pattern, and a fan designed for rapid heat dissipation to ensure longevity.

4.1 Control Panel

The control panel is located on the top surface of the refrigerator and includes:

- **Power Button:** Turns the unit on or off.
- **Temperature Adjustment Buttons (+/-):** Increases or decreases the target temperature.
- **Mode Button:** Switches between MAX (fast cooling) and ECO (energy-saving) modes.
- **Bluetooth Button:** Activates Bluetooth pairing for the integrated speaker.
- **Volume Buttons (VOL+/-):** Adjusts the speaker volume.
- **Digital Display:** Shows current temperature, battery level, and mode.

4.2 External Features

- **Retractable Handle:** For easy pulling and transport.
- **Flexible Wheels:** Facilitate movement over various terrains.
- **Dual-Zone Lid:** Features two separate openings for efficient access and includes two acrylic insulation panels for heat retention.
- **Cutting Board:** Integrated into the lid for convenience.
- **USB Charging Ports:** Allows charging of external devices.
- **Power Input Ports:** For DC (12/24V) and AC (100-240V) connections.

5. SETUP

5.1 Unpacking and Initial Cleaning

1. Remove all packaging materials.
2. Clean the interior and exterior of the refrigerator with a damp cloth and mild detergent. Dry thoroughly.
3. Ensure the unit is placed on a stable, level surface with adequate ventilation (at least 10 cm clearance on all sides).

5.2 Power Connection



Figure 5.1: AAOBOSI portable car refrigerator illustrating various power supply methods. This image demonstrates the versatility of the AAOBOSI car refrigerator in an outdoor environment, emphasizing its multiple power input options including vehicle DC, home AC, solar panels, power stations, and its internal 8000mAh battery for extended use.

- **AC Power (Home Use):** Connect the AC power adapter to the refrigerator's AC input port, then plug it into a standard 100-240V AC wall outlet.
- **DC Power (Car Use):** Connect the 12/24V DC power cable to the refrigerator's DC input port, then plug it into your vehicle's cigarette lighter socket.
- **Solar Panel/Power Station:** The unit can also be charged via compatible solar panels or power stations (sold separately) using the appropriate input port.
- The built-in 8000mAh battery provides continuous power, ensuring operation even when external power is disconnected.

5.3 Wi-Fi APP Control Setup

1. Download the AAOBOSI APP from your smartphone's app store (iOS or Android).
2. Ensure your refrigerator is powered on and Bluetooth is enabled on your smartphone.
3. Open the APP and follow the on-screen instructions to pair your device. This typically involves searching for the refrigerator and confirming the connection.
4. Once connected, you can monitor temperature, adjust settings, and control the Bluetooth speaker

remotely.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the **Power Button** on the control panel to turn the refrigerator on or off. The digital display will illuminate when the unit is active.

6.2 Setting Temperature

1. With the unit powered on, press the **+** or **-** buttons to adjust the desired temperature.
2. The temperature range is from -4°F (-20°C) to 68°F (20°C).
3. The display will show the set temperature briefly, then revert to the current internal temperature.

6.3 Cooling Modes

Press the **Mode Button** to cycle between:

- **MAX Mode:** Provides rapid cooling for quick temperature reduction.
- **ECO Mode:** Optimizes energy consumption for longer battery life.

6.4 Bluetooth Speaker Operation

1. Press the **Bluetooth Button** on the control panel to activate pairing mode. The Bluetooth indicator light will flash.
2. On your smartphone or other Bluetooth-enabled device, search for available devices and select "AAOBOSI Cooler" (or similar name).
3. Once paired, you can play music through the refrigerator's built-in speakers.
4. Use the **VOL+** and **VOL-** buttons on the control panel or your connected device to adjust the volume.

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Video 6.1: This video demonstrates the portability and key features of the AAOBOSI car refrigerator, including its ice-free operation, multiple charging options (home and car), large storage capacity, and integrated Bluetooth speakers for music playback during travel.

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Video 6.2: This video showcases the AAOBOSI Music Car Refrigerator being loaded into a vehicle, its easy transport with the telescopic handle and wheels, Bluetooth connectivity for music, and practical features like the cutting board and USB charging, ideal for outdoor activities like camping.

6.5 USB Charging

The refrigerator is equipped with USB ports to charge your mobile devices. Simply connect your device's USB cable to the port on the control panel.

6.6 Lid and Internal Compartments



Figure 6.1: AAOBOSI car refrigerator showing its dimensions and capacity for various beverages. This image provides a visual representation of the AAOBOSI car refrigerator's physical dimensions and its substantial storage capacity, detailing how many cans or bottles it can hold, suitable for vehicle trunks.

- The double door panels can be opened independently or swung 180° to serve as temporary tables.
- Two acrylic insulation panels are located under the lid to help maintain internal temperature and freshness.
- The included cutting board can be used for food preparation and stored conveniently within the lid.

7. MAINTENANCE

7.1 Cleaning

1. Always unplug the refrigerator before cleaning.
2. Clean the interior and exterior surfaces with a soft cloth dampened with mild detergent and warm water.
3. Do not use abrasive cleaners, harsh chemicals, or sharp objects, as these can damage the surfaces.
4. Ensure all surfaces are dry before plugging the unit back in.

7.2 Defrosting

Frost may accumulate on the interior cooling surfaces, especially in humid conditions. To defrost:

1. Turn off the refrigerator and unplug it from all power sources.
2. Remove all contents.
3. Leave the lid open to allow the frost to melt naturally.
4. Wipe away any melted water with a clean cloth. Do not use sharp objects to remove frost.

7.3 Storage

If the refrigerator will not be used for an extended period:

- Clean and dry the unit 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.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Refrigerator not turning on	No power supply; Damaged power cord; Blown fuse in vehicle.	Check power connections; Try a different power outlet/source; Inspect and replace vehicle fuse if necessary.
Not cooling sufficiently	Lid not closed properly; Insufficient ventilation; Temperature setting too high; Overloaded with warm items.	Ensure lid is sealed; Clear ventilation areas; Lower temperature setting; Allow time for cooling.
Bluetooth speaker not connecting	Bluetooth not enabled on device; Refrigerator not in pairing mode; Device too far.	Enable Bluetooth on your device; Press Bluetooth button on cooler to enter pairing mode; Move device closer to the cooler.
Unusual noise	Unit not level; Fan obstruction; Normal compressor operation.	Place on a level surface; Check for obstructions around the fan; A slight humming sound from the compressor is normal.

If the problem persists after trying these solutions, please contact AAOBOSI customer support.

9. SPECIFICATIONS

Feature	Detail
Model Number	SU-PG36E
Capacity	36 Liters (40 Quart)
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Power Input	12/24V DC, 100-240V AC
Battery Type	Built-in 8000mAh (22.2V/8000mAh, 177Wh)
Estimated Battery Usage Time	Up to 5 hours (depending on settings and ambient temperature)
Product Dimensions (L x W x H)	64.01 cm x 43.43 cm x 48.26 cm (25.2 x 17.1 x 19 inches)
Weight	19.05 kg (42 lbs)
Noise Level	<40dB

Feature	Detail
Special Features	WIFI APP Control, Bluetooth Speaker, Retractable Handle, Wheels, USB Charging, Cutting Board

10. WARRANTY AND SUPPORT

AAOBOSI products are manufactured to high-quality standards and are warranted against manufacturing defects. For specific warranty details, including duration and coverage, please refer to the warranty card included with your product or visit the official AAOBOSI website.

For technical support, troubleshooting assistance, or warranty claims, please contact AAOBOSI customer service through the contact information provided on the official website or your purchase platform. Please have your model number (SU-PG36E) and proof of purchase ready when contacting support.