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AAOBOSI QZW48

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Model: QZW48

1. PRODUCT OVERVIEW

The AAOBOSI 48L Electric Compressor Cooler is a versatile portable refrigeration unit designed for various applications, including automotive, camping, and home use. It features a dual-zone design, allowing for independent temperature control in two compartments to prevent flavor mixing. The cooler operates on both 12V/24V DC and 100-240V AC power sources, offering flexibility for different environments.

Key features include rapid cooling technology, an energy-saving ECO mode, and smart control via a mobile application. The unit is equipped with an integrated LED light for visibility in low-light conditions, removable doors for convenience, and a flexible storage pocket. Its robust design includes all-terrain wheels and retractable handles for easy transport.

Glaciere Electrique 48L



71 Canettes
Cola(330ml)



51 Bouteilles
Eau(550ml)



20 Bouteilles
Vin rouge(750ml)

Figure 1: AAOBOSI 48L Electric Compressor Cooler showing dimensions (72.4cm L x 37.6cm W x 46.4cm H) and capacity for 71 cans (330ml), 51 water bottles (550ml), or 20 wine bottles (750ml).

2. SAFETY INSTRUCTIONS

- Read all instructions before operating the appliance.
- Do not operate the cooler if the power cord is damaged. Contact customer support for assistance.
- Ensure proper ventilation around the unit. Do not block air vents.
- Avoid placing the cooler 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 cooler, especially during operation.
- Always disconnect power before cleaning or performing maintenance.
- Use only the provided power adapters (12/24V DC and 100-240V AC).

3. SETUP

3.1 Unpacking

- Carefully remove the cooler from its packaging.
- Inspect the unit for any damage that may have occurred during shipping.
- Remove all internal packing materials.

3.2 Power Connection

The cooler can be powered by three methods: 12V/24V DC (car/vehicle), 100-240V AC (home/mains), or a portable power station with solar panels.

- **DC Power (12V/24V):** Connect the provided 12/24V DC car power cable to the cooler's DC input port and then to your vehicle's cigarette lighter socket.
- **AC Power (100-240V):** Connect the provided AC adapter to the cooler's AC input port and then plug it into a standard wall outlet.
- **Portable Power Station:** Connect the cooler to a compatible portable power station using the appropriate cable.

Compatible Avec Différents Types d'Alimentation

The diagram illustrates three power connection options for the AAOBOSI Electric Compressor Cooler, each represented by a photo and a cable icon:

- Voiture 12V-24V DC:** A photo of a car interior with a cable icon showing a car power cable.
- Maison 100V-240V AC:** A photo of a modern living room with a cable icon showing a standard AC power plug.
- Panneau Solaire:** A photo of solar panels in a field with a cable icon showing a solar panel connector.

Below the solar panel photo, text reads: "Les Panneaux Solaires Chargent La Station D'énergie. La Station D'énergie Fournit De L'énergie Au Frigo Camping".

The cooler unit is shown at the bottom right, filled with fruit.

Figure 2: Power connection options for the AAOBOSI Electric Compressor Cooler, including car, home, and solar panel connections.

3.3 Initial Use

Before first use, it is recommended to clean the interior of the cooler with a damp cloth. Allow the unit to stand upright for at least 6 hours after transport before plugging it in to allow the refrigerant to settle.

4. OPERATING INSTRUCTIONS

4.1 Control Panel Overview

The cooler features an intuitive control panel for manual operation. It typically includes a power button, temperature adjustment buttons (+/-), and a mode selection button.

4.2 Temperature Setting

- Press the power button to turn on the cooler.
- Use the '+' or '-' buttons to adjust the desired temperature. The temperature range is typically -20°C to 20°C.
- The display will show the current temperature and the set temperature.

4.3 Operating Modes (MAX/ECO)

The cooler offers two operating modes:

- **MAX Mode:** Provides rapid cooling for quick temperature reduction. Ideal for initial cooling or when ambient temperatures are high.
- **ECO Mode:** Optimizes energy consumption for extended operation. Suitable for maintaining temperature once the desired level is reached.

To switch between modes, press the mode selection button on the control panel or use the mobile app.

En Tant Que Frigo Ou GlacièRe



**MAX-Refroidissement
rapide**



ECO-Écoénergétique

Figure 3: The cooler can function as a refrigerator or freezer, with MAX mode for rapid cooling and ECO mode for energy efficiency.

Mode MAX
-20°C – 0°C



Viande Fruits de mer Glace Raviolis



Mode ECO
0°C – 10°C



Fruits Légumes Boissons Lait

Figure 4: Illustration of dual-zone functionality, with MAX mode for freezing (e.g., meats, ice) and ECO mode for refrigeration (e.g., fruits, beverages).

4.4 Dual-Zone Functionality

The 48L model features two independent compartments. The larger compartment (41L) can be set between -20°C and 20°C, functioning as either a freezer or a refrigerator. The smaller compartment (7L) maintains a temperature relative to the larger compartment, suitable for items that do not require freezing.

4.5 Smart App Control (WiFi/Bluetooth)

The cooler supports control via a mobile application (available for Android and iOS devices).

- Download the AAOBOSI app from your device's app store.
- For first-time use, a WiFi connection is required for initial pairing.
- Once paired, you can connect directly via Bluetooth without WiFi.
- The app allows you to monitor temperature, adjust settings, and switch modes remotely.



Figure 5: The smart app control interface, highlighting features like battery protection, rapid cooling, and temperature range adjustment.

4.6 Battery Protection

The cooler includes a triple-level voltage protection system (Low, Medium, High) to prevent your vehicle's battery from draining. Adjust this setting based on your vehicle's battery type and usage.



Figure 6: Triple-level voltage protection system to safeguard your vehicle's battery.

5. MAINTENANCE

5.1 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 harsh chemicals.
- Ensure the drain plug is open during cleaning to allow water to escape, then close it securely.
- Regularly clean the ventilation grilles to ensure proper airflow.



Figure 7: Cooler features including a bottle opener, cutting board, cup holders, and a drain plug for easy cleaning.

5.2 Storage

- When not in use for an extended period, ensure the cooler is clean and dry.
- Store the cooler in a dry, well-ventilated area, away from direct sunlight.

- It is recommended to leave the lid slightly ajar to prevent odors and mold growth.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cooler not turning on	No power supply; damaged cable; faulty power outlet.	Check power connections; try a different outlet/cable; ensure vehicle ignition is on for DC power.
Insufficient cooling	Blocked vents; ambient temperature too high; door not sealed properly; ECO mode active.	Clear vents; move to a cooler area; ensure lid is closed tightly; switch to MAX mode.
Unusual noise	Unit not level; internal components vibrating; fan obstruction.	Place on a flat surface; check for loose items inside; contact support if noise persists.
App connection issues	Bluetooth/WiFi off; app not updated; cooler not in pairing mode.	Ensure Bluetooth/WiFi is enabled; update app; restart cooler and app; re-pair if necessary.

7. SPECIFICATIONS

Feature	Detail
Model Number	QZW48
Capacity	48 Liters (41L large compartment, 7L small compartment)
Dimensions (L x W x H)	72.4 cm x 37.6 cm x 46.4 cm
Weight	16.2 Kilograms
Temperature Range	-20°C to 20°C
Power Input	12V/24V DC, 100-240V AC
Cooling Method	Compressor
Special Features	Rapid Cooling, WiFi+APP Control, LED Light, Removable Doors, Flexible Storage Pocket, All-terrain Wheels
Noise Level	<45 dB
Refrigerant	[Low GWP refrigerant]
Energy Consumption	60 Watts (Annual)
Included Options	Cooler unit, 12/24V DC car power cable, AC home adapter, User Manual

For more detailed product information, refer to the official EPREL database:<https://eprel.ec.europa.eu/qr/2091531>

8. WARRANTY AND SUPPORT

The AAOBOSI 48L Electric Compressor Cooler comes with a 1-year warranty on the compressor and other parts. This warranty covers manufacturing defects and malfunctions under normal use.

For technical assistance, warranty claims, or any product-related inquiries, please contact AAOBOSI customer support via

Amazon. Our team aims to respond within 24 hours.



Figure 8: AAOBOSI customer support is available to assist with any product inquiries or issues.

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