

sana TZ35

sana Portable Car Refrigerator Freezer 35L User Manual

Model: TZ35

Safety Instructions	Product Components	Setup	Operation	App
Control	Maintenance	Troubleshooting	Specifications	Warranty & Support

1. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before using the sana Portable Car Refrigerator Freezer. Failure to follow these instructions may result in product damage, personal injury, or property damage.

- Ensure the power source matches the product's voltage requirements (DC 12V/24V, AC 100V-240V).
- Do not immerse the unit in water or expose it to excessive moisture.
- Keep ventilation openings clear and unobstructed to prevent overheating.
- Do not use the appliance if the power cord or plug is damaged.
- Avoid placing flammable or explosive materials inside the refrigerator.
- This appliance is designed for cooling and freezing only. It does not have heating or warming functions.
- When using with an optional battery, ensure the battery is correctly installed and charged.
- Always secure the unit properly in a vehicle to prevent movement during transit.
- Keep out of reach of children.

2. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your sana Portable Car Refrigerator Freezer.

Smart car protection system



最大 30°までの傾斜に対応



電圧自動検出



耐震設計デザイン



バッテリー上がり防止



大容量 45ℓをトランクに楽々車載。
3.5m の DC ケーブル付属で
トランクからでも給電できます。

Image: Overview of the sana Portable Car Refrigerator Freezer, highlighting key features such as the detachable battery compartment, wire baskets, dual-use power input, large wheels, independently opening lids, digital display, interior light, drain plug, bottle opener, and telescoping handle.

- **Main Unit:** The refrigerator/freezer body.
- **Lids:** Two independent lids for separate compartments.
- **Control Panel:** Digital display and buttons for temperature and settings.
- **Telescoping Handle:** For easy portability.
- **Large Wheels:** 5.9-inch wheels for smooth transport.
- **Power Input Ports:** For AC and DC power cables.
- **USB Charging Port:** 5V/2A output for charging devices.
- **Wire Baskets:** Removable baskets for organizing contents.
- **Drain Plug:** For easy cleaning and defrosting.
- **Bottle Opener:** Integrated for convenience.
- **AC Adapter & Cord:** For household power (100V-240V).

- **DC Cigarette Lighter Cable:** For vehicle power (12V/24V).
- **Optional Detachable Battery (Sold Separately):** For cordless operation.

3. SETUP

3.1 Unpacking

1. Carefully remove the refrigerator from its packaging.
2. Inspect the unit for any damage during transit. Contact customer support if damage is found.
3. Remove all packing materials and accessories.
4. Clean the interior and exterior of the unit with a damp cloth before first use.

3.2 Power Connection

The unit supports 4-way power input: AC, DC, optional battery, and solar panel (with optional battery).



Image: AC adapter and DC car charger cable for power connection.

- **AC Power (Household):** Connect the provided AC adapter and cord to the unit's AC input port and then to a standard wall outlet (100V-240V).
- **DC Power (Vehicle):** Connect the provided DC cigarette lighter cable to the unit's DC input port and then to your vehicle's 12V or 24V cigarette lighter socket.
- **Optional Battery:** If using the optional detachable battery, ensure it is fully charged and inserted into the designated battery compartment.
- **Solar Panel (Optional):** Connect a compatible solar panel to the unit via the optional battery for extended off-grid use.

The unit features a low voltage protection function with 3 adjustable levels to prevent your car battery from draining.

4. OPERATION

4.1 Power On/Off

- Press and hold the power button on the control panel to turn the unit on or off.

4.2 Temperature Setting (Dual Zone)



※写真は実際の商品カラーとは異なります。

大型ホイール&ハンドルで 楽々持ち運びできます。



Image: Dual zone temperature control allows setting different temperatures for the left and right compartments, from -20°C to 20°C. This enables simultaneous freezing and refrigeration of various items like ice cream, meat, seafood, fruits, vegetables, and beverages.

- The unit has two independent compartments, each with its own temperature control.
- Use the '+' and '-' buttons on the control panel to adjust the temperature for each zone.
- The temperature range is -20°C to 20°C, adjustable in 1°C increments.
- The display shows the current temperature of each compartment.
- **Note:** For ice cream, ensure the compartment reaches -18°C or lower before placing it inside to prevent melting. This unit is for cooling and freezing only; it does not have a warming function. If the ambient temperature is lower than the set temperature, the internal temperature will be affected by the ambient temperature.

4.3 Mode Selection (ECO/MAX)

- Press the "SET" button to cycle through operating modes.
- **MAX Mode:** Provides rapid cooling for quick temperature reduction.

- **ECO Mode:** Operates with reduced power consumption for energy efficiency.

4.4 USB Charging Port



**LCD ディスプレイ
& スマートフォン
(iOS/Android 両対応)**

技適取得済み

**どちらでも
自由自在に
コントロール**

USB 給電ポート 5V/2A 搭載

Image: The control panel features an LCD display for monitoring temperature and settings, and a USB charging port (5V/2A) for powering external devices. The image also shows the smartphone app interface for remote control.

- A 5V/2A USB charging port is available on the control panel to charge mobile devices.

5. SMARTPHONE APP CONTROL

The unit can be remotely controlled via a dedicated smartphone application (iOS/Android compatible).



Image: The control panel features an LCD display for monitoring temperature and settings, and a USB charging port (5V/2A) for powering external devices. The image also shows the smartphone app interface for remote control.

1. Download the dedicated app from your smartphone's app store (search for "NEXT GEAR" or refer to the QR code in the full manual).
2. Enable Bluetooth on your smartphone.
3. Open the app and follow the on-screen instructions to pair with your refrigerator.
4. Once connected, you can remotely power on/off, adjust temperatures for both zones, and change other settings.
5. The app supports multiple languages, including English, and allows switching between Celsius (°C) and Fahrenheit (°F).

6. MAINTENANCE

6.1 Cleaning

- Always disconnect the power before cleaning.
- Clean the interior and exterior with a damp cloth and mild detergent.
- Do not use abrasive cleaners or sharp objects that could damage the surfaces.
- Use the drain plug to remove any water after cleaning the interior.
- Ensure the unit is completely dry before reconnecting power.

6.2 Storage

- When not in use for extended periods, clean the unit thoroughly and leave the lids slightly ajar to prevent odors.
- Store in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; damaged cable; low car battery voltage.	Check power connections. Ensure car engine is running if using DC. Adjust low voltage protection setting.
Unit not cooling effectively.	Lids not closed properly; ventilation blocked; ambient temperature too high; too much content.	Ensure lids are sealed. Clear ventilation. Reduce contents if overloaded. Use MAX mode for faster cooling.
Unusual noise.	Unit not level; fan obstruction.	Place unit on a flat surface. Check for any obstructions around the fan.
App connection issues.	Bluetooth off; app not updated; unit not discoverable.	Ensure Bluetooth is on. Restart app and unit. Re-pair the device.

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

8. SPECIFICATIONS

Feature	Detail
Model	TZ35
Brand	sana
Capacity	35 Liters (28.5L + 10.3L compartments)

Feature	Detail
Temperature Range	-20°C to 20°C (Dual Zone Independent Control)
Power Input	DC 12V/24V, AC 100V-240V
Rated Power	60W
Dimensions (L x W x H)	71.1 x 46 x 44.1 cm
Weight	20 kg
Compressor	High-quality, non-CFC R134a
Noise Level	<45db
Special Features	Low Voltage Protection, Shock Resistant, ECO/MAX Modes, LCD Display, Interior Light, USB Charging Port, Large Wheels, Telescoping Handle, Bottle Opener, Smartphone App Control
Certifications	PSE, Technical Standards Compliant

9. WARRANTY & SUPPORT

9.1 Product Warranty

This sana product comes with a **1-year warranty** from the date of purchase. The warranty covers natural failures and initial defects. For specific warranty details, please refer to the full instruction manual or contact customer support. Please note that damage due to misuse or accidents is not covered.



Image: A warranty badge indicating a 1-year product warranty.

9.2 Customer Support

For any inquiries, issues, or support needs, please contact our customer service team. Our Japanese staff are available to assist you via email or phone to ensure your satisfaction.

- **Contact Information:** Please refer to the contact details provided in your product packaging or on the official sana website.



Image: Customer support representatives ready to assist with product inquiries and issues.

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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

Answered questions about this manual

Why is the left compartment of my sana NEXTGEAR TX75 (55L) portable refrigerator not cooling and displaying '--' on the screen?

When the display on a sana NEXTGEAR portable refrigerator (such as the TX75 or TZ series) shows "--", it typically indicates that the specific compartment has been turned off or the sensor is not...

[Read full answer](#)

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