

## EKOJUCE ZX-XCFG-55

# EKOJUCE 12 Volt Portable Refrigerator User Manual

**BRAND: EKOJUCE**

**Model: ZX-XCFG-55 (58QT)**

## 1. INTRODUCTION

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Thank you for choosing the EKOJUCE 12 Volt Portable Refrigerator. This electric cooler is designed for versatility and efficiency, offering a wide temperature range for both freezing and chilling. It is ideal for various applications including camping, boating, truck, RV, outdoor activities, and home use. This manual provides essential information for the safe and effective operation of your new appliance.



*Figure 1: EKOJUICE 58 Quart Portable Refrigerator*

The EKOJUICE portable refrigerator features a robust design with sturdy wheels and foldable handles for easy transport. It includes advanced compressor technology for rapid cooling, a 3-level battery protection system, and multiple power supply options. For optimal performance and longevity, please read this manual thoroughly before use.

## 2. SETUP AND INSTALLATION

### 2.1 Unpacking

- Carefully remove the refrigerator from its packaging.
- Inspect the unit for any shipping damage. If damage is found, contact customer service immediately.
- Ensure all included components are present: 1\*Car Refrigerator, 1\*AC Adaptor, 1\*DC Power Cord, 1\*Manual.

### 2.2 Power Connection

The EKOJUICE refrigerator supports multiple power inputs for versatile use:

- **12/24V DC:** Connect the DC power cord to your vehicle's cigarette lighter socket (12V or 24V).
- **100-240V AC:** Use the AC adaptor to connect the refrigerator to a standard home power outlet.



- **Power Station:** Can be powered by compatible portable power stations.
- **Solar Panel:** Features a solar input port (solar panel sold separately).



*Figure 2: Multiple Power Supply Options*

## 2.3 Optional Battery Installation

This unit supports an optional high-capacity removable battery (purchased separately) for extended portable use. To install, locate the battery compartment on the side of the unit and securely insert the battery until it clicks into place.





## HIGH-CAPACITY

### Removable Battery

\*Batteries to be purchased separately



Figure 3: Removable Battery Compartment

## 2.4 App Control Setup

The refrigerator can be controlled via a smartphone app. Download the EKOJUICE app from your device's app store. Follow the in-app instructions to pair your refrigerator via Bluetooth for remote temperature control and monitoring.

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*Video 1: EKOJUICE Car Refrigerator Features Overview. This video demonstrates the portability, power options, app control, temperature range, reversible door, USB charging, and built-in light of the refrigerator.*

## 3. OPERATING INSTRUCTIONS

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### 3.1 Control Panel Overview

The refrigerator features an extra-large touch control panel for easy operation. The display shows the current temperature, battery level, and operating mode.



Figure 4: Control Panel and App Interface

### 3.2 Temperature Control

The temperature range can be set from -4°F (-20°C) to 68°F (20°C). Use the '+' and '-' buttons on the control panel or the app to adjust the desired temperature.

### 3.3 ECO and MAX Modes

Switch between two operating modes:



- **MAX Mode:** Provides rapid cooling, ideal for quickly chilling contents (e.g., from 68°F to 32°F in 15 minutes).
- **ECO Mode:** Energy-saving mode for efficient operation, consuming less than 1kWh per day.

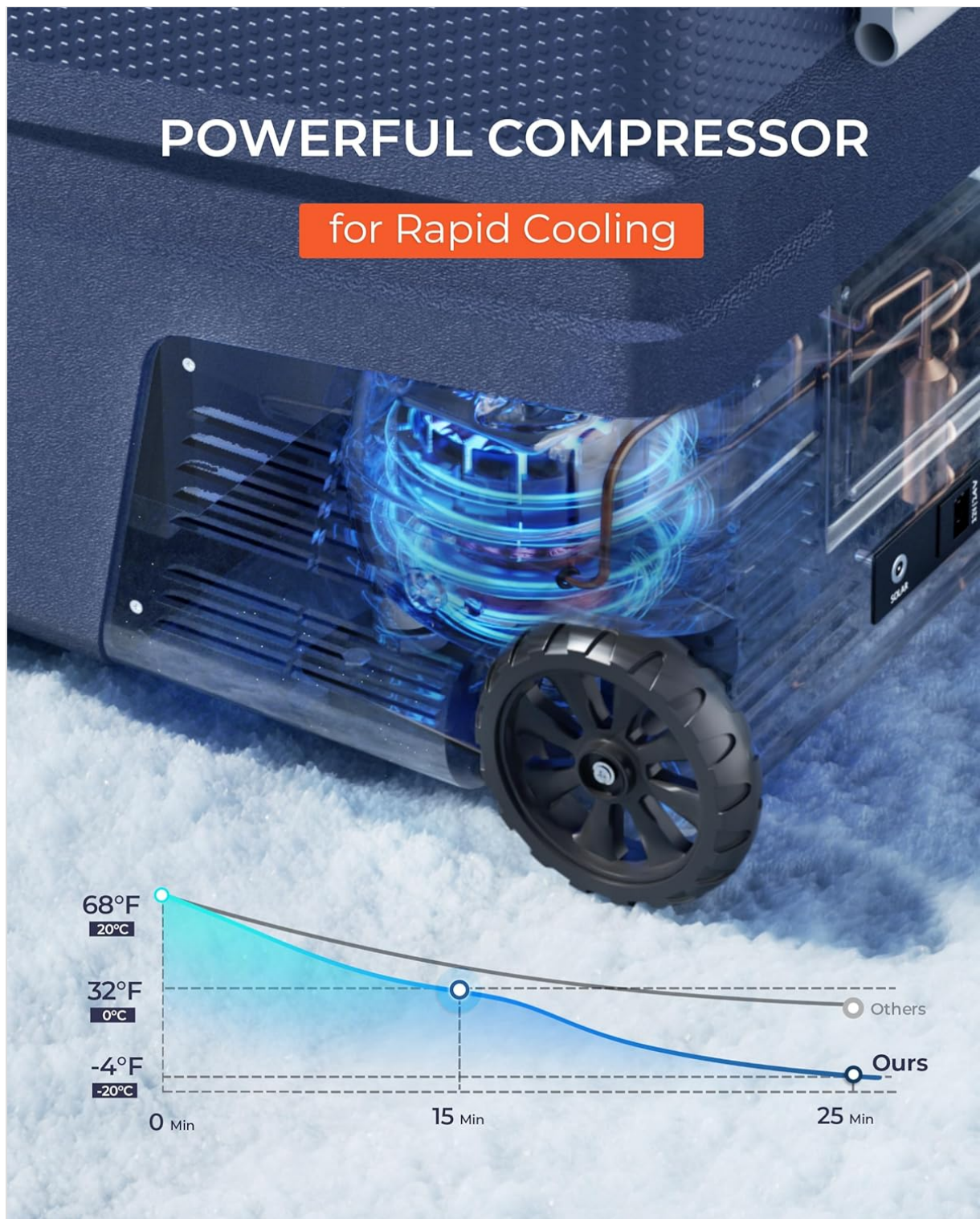


Figure 5: Rapid Cooling Performance

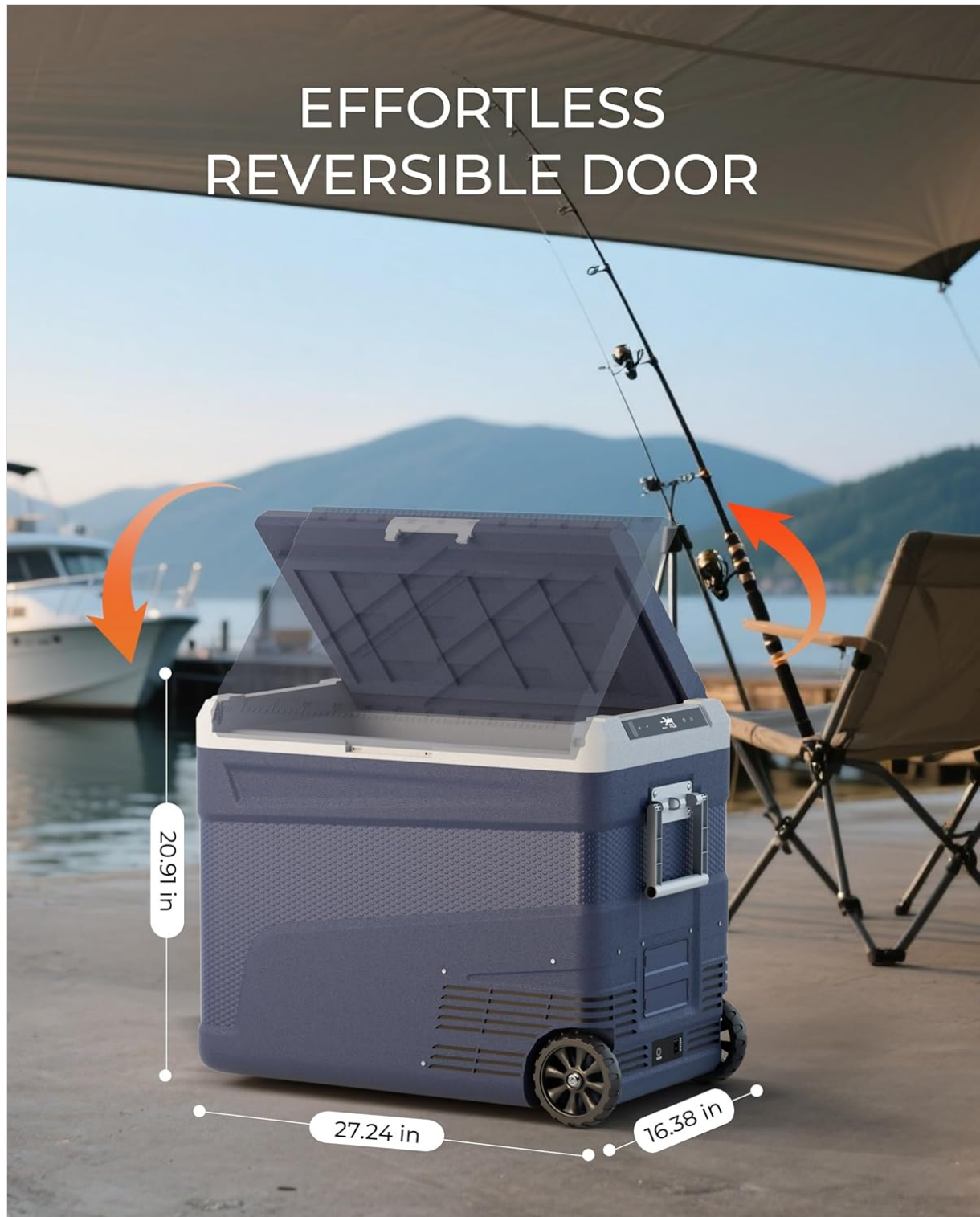
### 3.4 Freezer and Refrigerator Functionality

The unit can function as both a freezer and a refrigerator depending on the set temperature:

- **Freezer:** -4°F to 32°F (e.g., for meat, ice cream, fish, seafood).
- **Refrigerator:** 32°F to 68°F (e.g., for vegetables, beverages, dairy, fruit).

### 3.5 Reversible Door

The refrigerator features a reversible door, allowing you to open it from either the left or right side for convenience in any space.



*Figure 6: Effortless Reversible Door*

### 3.6 Built-in Light and USB Port

- **Interior LED Light:** A convenient built-in light illuminates the interior for easy visibility, especially in low-light conditions.
- **USB Port:** Equipped with a USB port for easy charging of your electronic devices at any time.





Figure 7: Friendly Design Features (Wheels, Pull Rod, Interior Light)

## 4. CARE AND MAINTENANCE

### 4.1 Cleaning

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

### 4.2 Storage



- If storing for an extended period, ensure the interior is clean and dry to prevent mold or odors.
- Leave the lid slightly ajar to allow for air circulation.
- Store in a dry, well-ventilated area away from direct sunlight and extreme temperatures.

## 5. TROUBLESHOOTING

If you encounter issues with your EKOJUCE portable refrigerator, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Refrigerator not turning on	No power supply; Loose connection; Blown fuse	Check power cable connection; Ensure power source is active; Check vehicle's fuse.
Not cooling sufficiently	Temperature setting too high; Blocked ventilation; Overloaded; Ambient temperature too high	Lower temperature setting; Ensure vents are clear; Do not overload; Operate in a cooler environment if possible.
Excessive noise	Unit not level; Fan obstruction	Place on a flat, stable surface; Check for any obstructions around the fan.
App connection issues	Bluetooth off; App not updated; Refrigerator not discoverable	Ensure Bluetooth is enabled on your device; Update the app; Restart the refrigerator and try pairing again.

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

## 6. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand Name	EKOJUCE
Model Info	ZX-XCFG-55
Product Dimensions	16.38 x 27.24 x 20.91 inches (41.6 x 69.2 x 53.1 cm)
Country of Origin	China
Capacity	58 Quarts (55 Liters)
Installation Type	Freestanding
Form Factor	Portable
Special Features	Wheels, App Control, Anti-Shake, Low Noise
Color	Grey
Voltage	12/24V DC & 100-240V AC
Defrost System	Frost Free

Feature	Specification
Door Hinges	Reversible
Number Of Doors	1
Included Components	1*Car Refrigerator, 1*AC Adaptor, 1*DC Power Cord, 1*Manual

## 7. WARRANTY AND SUPPORT

### 7.1 UL Certification

The EKOJUCE 12 Volt Refrigerator is UL certified, ensuring safety and reliability in its design and manufacturing.

### 7.2 Customer Support

For any questions, concerns, or technical assistance regarding your EKOJUCE portable refrigerator, please reach out to our customer service team. Refer to the product packaging or the official EKOJUCE website for contact information and detailed warranty terms.