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› **ROCKPALS /**

› Rockpals 50 Quart (47L) Portable Refrigerator User Manual

ROCKPALS YCD50P

Rockpals 50 Quart (47L) Portable Refrigerator User Manual

MODEL: YCD50P



Image: Rockpals 50 Quart Portable Refrigerator, showcasing its capacity with various items inside.

1. Introduction

This manual provides essential information for the safe and efficient operation of your Rockpals 50

Quart (47L) Portable Refrigerator. Please read all instructions carefully before use and retain this manual for future reference.

2. Safety Instructions

- Ensure proper ventilation around the unit. Do not block air vents.
- Use only the specified power adapters (12/24V DC, 100/240V AC, or compatible solar charging).
- Avoid placing the unit in direct sunlight for extended periods to maintain cooling efficiency.
- Do not immerse the unit in water or expose it to heavy rain.
- Keep out of reach of children.
- Handle with care; avoid dropping or severe impacts.

3. Package Contents

Verify that all items are included in your package:

- 1 x Rockpals Portable Car Refrigerator
- 1 x AC Adapter
- 1 x DC Power Cord (2.5m)
- 1 x User Guide

4. Product Overview

The Rockpals 50 Quart Portable Refrigerator is designed for versatile cooling and freezing. It features a robust compressor cooling system capable of reaching temperatures from -4°F to 68°F (-20°C to 20°C).

Key Features:

- **Large Capacity:** 50 Quart (47L) for ample storage.
- **Fast Cooling:** Achieves 32°F (0°C) from 68°F (20°C) within 25 minutes in Max mode.
- **Battery Protection:** 3-level (H/M/L) module to prevent vehicle battery drain.
- **Multiple Charging Options:** 12/24V DC, 100/240V AC, or Solar Charging.
- **Portability:** Equipped with a telescoping handle and sturdy wheels for easy transport.
- **User-Friendly Controls:** Digital panel with temperature control and display, plus a 5V/2A USB charging port.
- **Durability:** Tough and solid outer casing, functions even when tilted 45°.
- **Internal LED Light:** For visibility in low-light conditions.

Smart Powerful Multifunctional Refrigerator Freezer



Beef 0 °F



Beer 50 °F



Fruit 32 °F



Ice Cream 0 °F



Cheese 40 °F

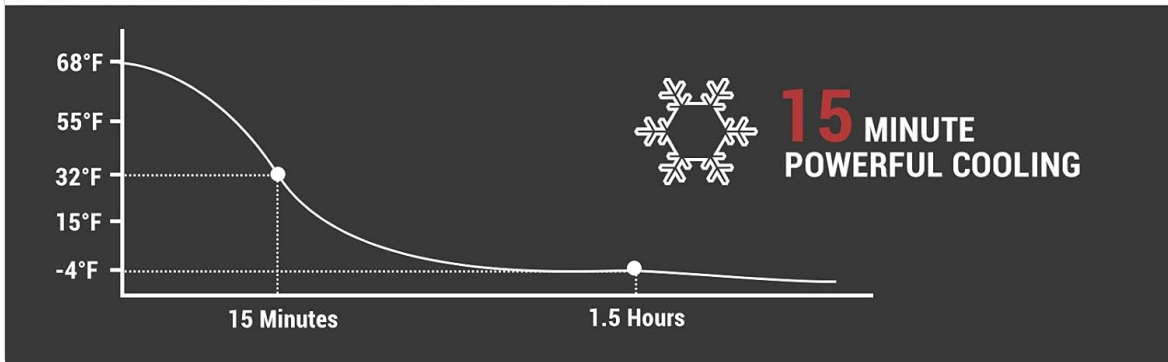


Image: Smart Multifunctional Refrigerator Freezer with digital display and examples of food temperatures.



Vegetables
(50 °F)



Fruit
(50 °F)



Beverages
(32 °F)



Skin Care
(50 °F)

FRIDGE & FREEZER

Adjustable Temperature Range :

(-4°F - 68 °F)



Beef
(42 °F)



Ice Cream
(0.4 °F)



Seafood
(-4 °F)



Meats
(-4 °F)



Image: Adjustable temperature range from -4°F to 68°F, suitable for both refrigeration and freezing.

2 LARGE WHEELS And A Pull-up Handle



Image: The refrigerator features two large wheels and a pull-up handle for easy mobility.

5. Setup

5.1 Unboxing

1. Carefully remove the refrigerator from its packaging.
2. Inspect the unit for any damage. If damaged, do not use and contact customer support.
3. Remove all internal packing materials and accessories.

5.2 Initial Power Connection

1. Before first use, ensure the refrigerator is placed on a stable, level surface with adequate ventilation around all sides.
2. Connect the appropriate power cord (AC or DC) to the unit and then to the power source.
3. For optimal performance, allow the unit to stand upright for at least 6 hours before initial power-on.

5.3 First Use

After connecting to power, press and hold the power button on the control panel for 3 seconds to turn on the unit. The display will illuminate, showing the current internal temperature.

6. Operating Instructions

6.1 Control Panel Overview

Precise Temperature Control Panel

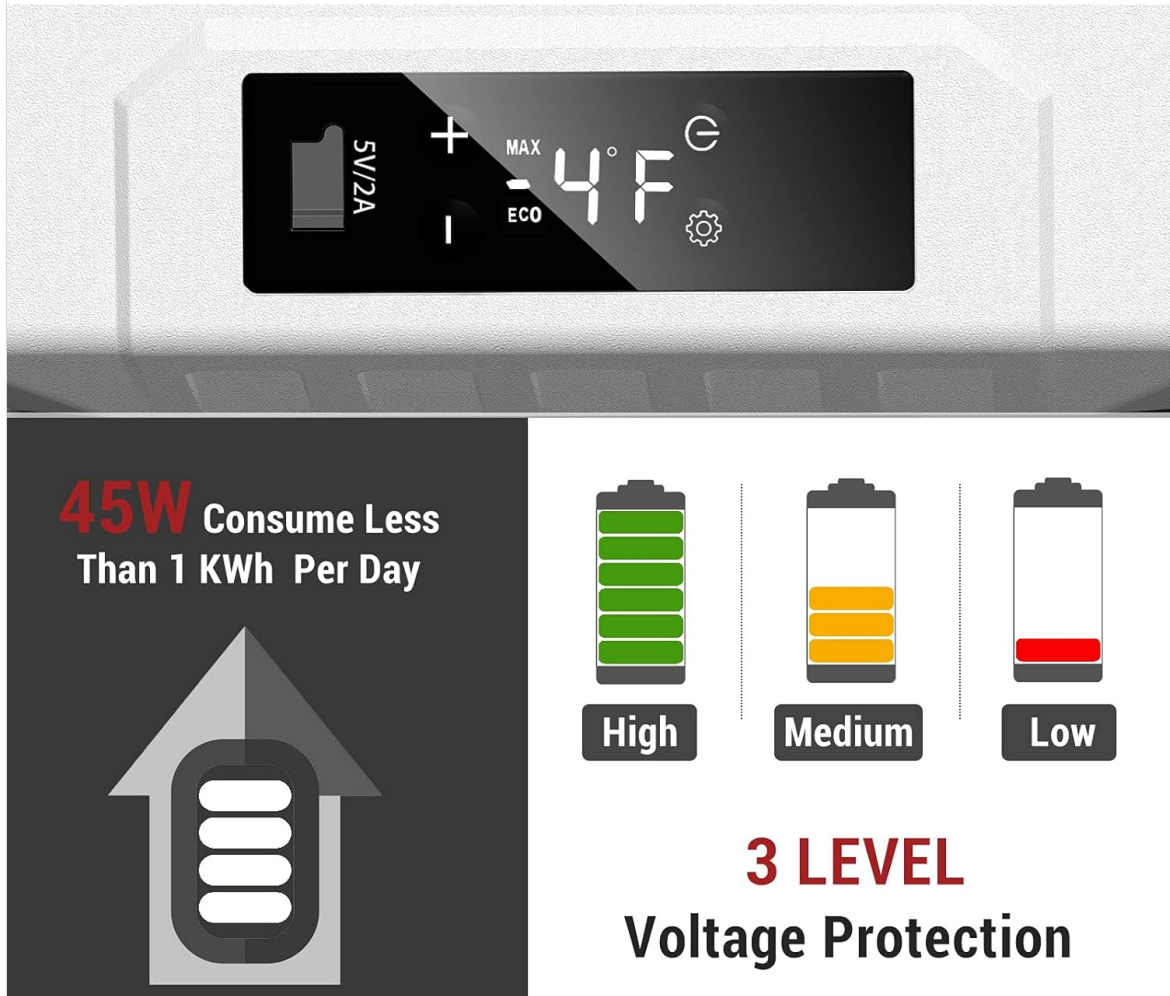


Image: The precise temperature control panel with digital display and 3-level voltage protection indicators.

- **Power Button:** Press and hold for 3 seconds to turn ON/OFF. Short press to switch between MAX/ECO modes.
- **+/- Buttons:** Adjust the desired temperature.
- **Settings Button:** Short press to cycle through battery protection levels (H/M/L).
- **USB Port (5V/2A):** For charging external devices.

6.2 Setting Temperature

With the unit powered on, use the + or - buttons to set your desired temperature. The display will flash while adjusting and then stabilize to show the current internal temperature once set.

6.3 Cooling Modes (MAX/ECO)

- **MAX Mode:** Provides rapid cooling for quick temperature reduction.
- **ECO Mode:** Energy-saving mode for sustained operation with lower power consumption.

Press the Power button briefly to toggle between MAX and ECO modes.

6.4 Battery Protection

The refrigerator features a 3-level battery protection system to prevent excessive discharge of your vehicle's battery. Use the Settings button to select:

- **H (High):** Highest protection, cuts off power at a higher voltage.
- **M (Medium):** Standard protection.
- **L (Low):** Lowest protection, allows for deeper discharge.

Choose the appropriate level based on your battery type and usage scenario.

6.5 USB Charging

The integrated 5V/2A USB port allows you to charge small electronic devices directly from the refrigerator's control panel.

6.6 Operation Angle

The compressor is designed to function effectively even when the unit is tilted up to 45 degrees, making it suitable for various outdoor and vehicle environments.

7. Charging Methods

Your Rockpals portable refrigerator supports multiple power input options:

- **12/24V DC:** Connect to your vehicle's cigarette lighter socket.
- **100/240V AC:** Use the provided AC adapter to plug into a standard wall outlet.
- **Solar Charging:** Compatible with solar panels for off-grid power. Connect a compatible solar panel to the DC input port.

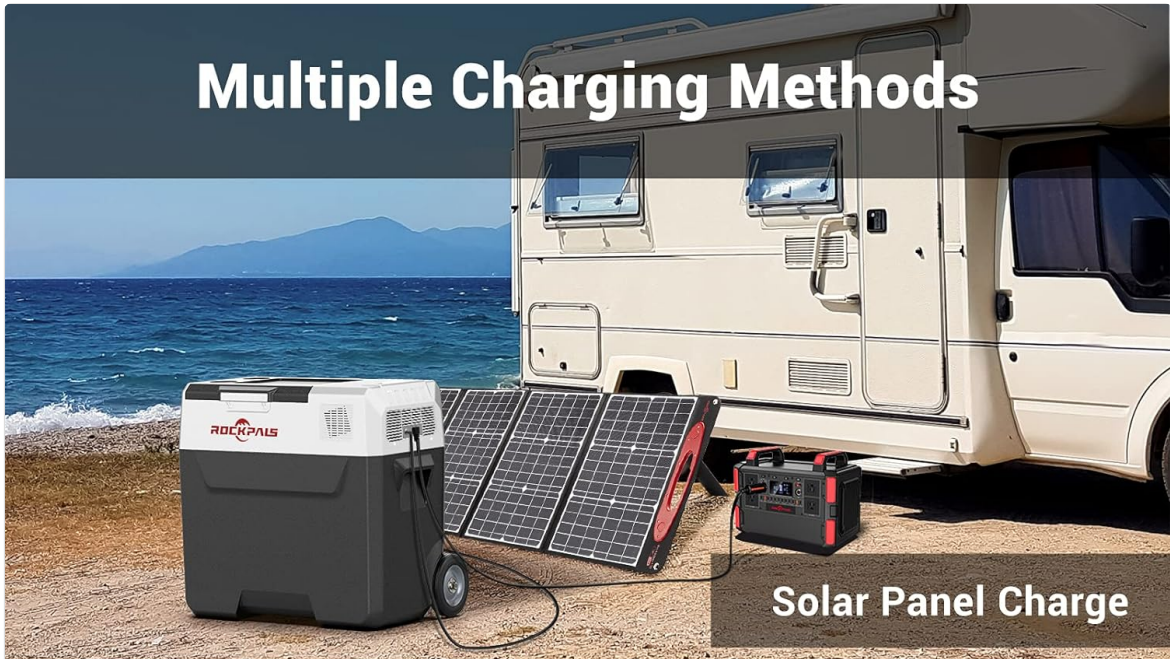


Image: Multiple charging methods including solar panel, car charger, and wall charger.

[Video: Rockpals 53 Quarts Portable Freezer Fridge Overview](#)

Video Description: An official Rockpals video providing a comprehensive overview of the 53-quart portable freezer fridge, demonstrating its features and functionality.

[Video: ROCKPALS 53 Quart \(50L\) 12V Car Fridge Detailed Look](#)

Video Description: An official Rockpals video offering a detailed demonstration of the 53-quart (50L) 12V car fridge, covering its various aspects and uses.

8. Maintenance

8.1 Cleaning

- Disconnect the unit from all power sources before cleaning.
- Wipe the interior and exterior with a damp cloth and mild detergent. Avoid abrasive cleaners.
- Ensure all vents are clear of dust and debris for efficient operation.

- Do not use harsh chemicals or immerse the unit in water.

8.2 Storage

- When storing for extended periods, ensure the unit is clean and dry.
- Leave the lid slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area away from direct sunlight.

9. Troubleshooting

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

- **Unit not turning on:** Check power connections, ensure the power source is active, and verify the battery protection setting (if using DC power).
- **Not cooling effectively:** Ensure vents are not blocked, the lid is properly sealed, and the ambient temperature is not excessively high. Check if the unit is in ECO mode and switch to MAX mode if faster cooling is needed.
- **Display error codes:** Consult the detailed user guide for specific error code meanings and troubleshooting steps.
- **Unusual noise:** Minor compressor noise is normal. If the noise is excessive or unusual, ensure the unit is on a stable surface and not vibrating against other objects.

For further assistance, please contact Rockpals customer support.

10. Specifications

Feature	Value
Model Number	YCD50P
Capacity	50 Quarts (47L)
Product Dimensions	24.7"W x 16.1"D x 22.95"H
Item Weight	42 pounds
Adjustable Temperature Range	-4°F to 68°F (-20°C to 20°C)
Voltage	12/24V DC, 100/240V AC
Rated Power	45 Watts
Defrost System	Automatic
Number of Doors	1

11. Warranty & Support

Your Rockpals portable refrigerator comes with 12 months of product support service. For warranty claims, technical assistance, or any questions regarding your product, please contact Rockpals customer support through their official channels.