

Setpower PT30

Setpower PT30 12 Volt Car Refrigerator User Manual

Model: PT30

1. INTRODUCTION

Thank you for choosing the Setpower PT30 12 Volt Car Refrigerator. This portable dual-zone freezer/fridge is designed to keep your food and beverages cool or frozen during travel, camping, or any outdoor adventure. It features advanced cooling technology, dual-zone temperature control, and convenient APP connectivity. Please read this manual thoroughly before use to ensure proper operation and maintenance.



Image 1.1: Setpower PT30 Car Refrigerator with protective cover and mobile app interface.

2. SAFETY INSTRUCTIONS

To prevent injury to yourself and others, or damage to your appliance, please observe the following safety precautions:

- Ensure the power supply voltage matches the specifications of the refrigerator.
- Do not operate the refrigerator if the power cord is damaged or if the appliance shows signs of malfunction.
- Keep the ventilation openings clear of obstructions.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.
- Avoid placing the refrigerator in direct sunlight or near heat sources.
- Always disconnect the power supply before cleaning or performing maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Setpower PT30 Car Refrigerator
- 1 x PT30 Protective Cover
- 1 x 12V/24V DC Power Cord
- 1 x AC Adapter (100-240V)
- 1 x User Manual (this document)
- 4 x Securing Ropes (for transport)

4. PRODUCT OVERVIEW

The Setpower PT30 features a robust design with user-friendly components. Familiarize yourself with the main parts:



Image 4.1: Humanized Design features of the Setpower PT30, highlighting the control panel, power inlets, vents, handles, and battery pocket.

Key components include:

- **Control Panel:** Located on the top, with a transparent cover for easy access and visibility.
- **Dual Compartments:** Two independently controlled zones for refrigeration or freezing.
- **Power Inlets:** For DC (12V/24V) and AC (100-240V) power connections.
- **Mesh Vents:** For proper airflow and heat dissipation.
- **Portable Handles:** Integrated for easy carrying.
- **Reserved Battery Pocket:** For optional external battery (not included).
- **Protective Cover:** Made of 420D silver gray fabric with 6MM pearl cotton and galvanized aluminum for insulation and protection.

Easy to Use

Easy Open via Velcro Design and Transparent Control Panel for Temperature Regulation

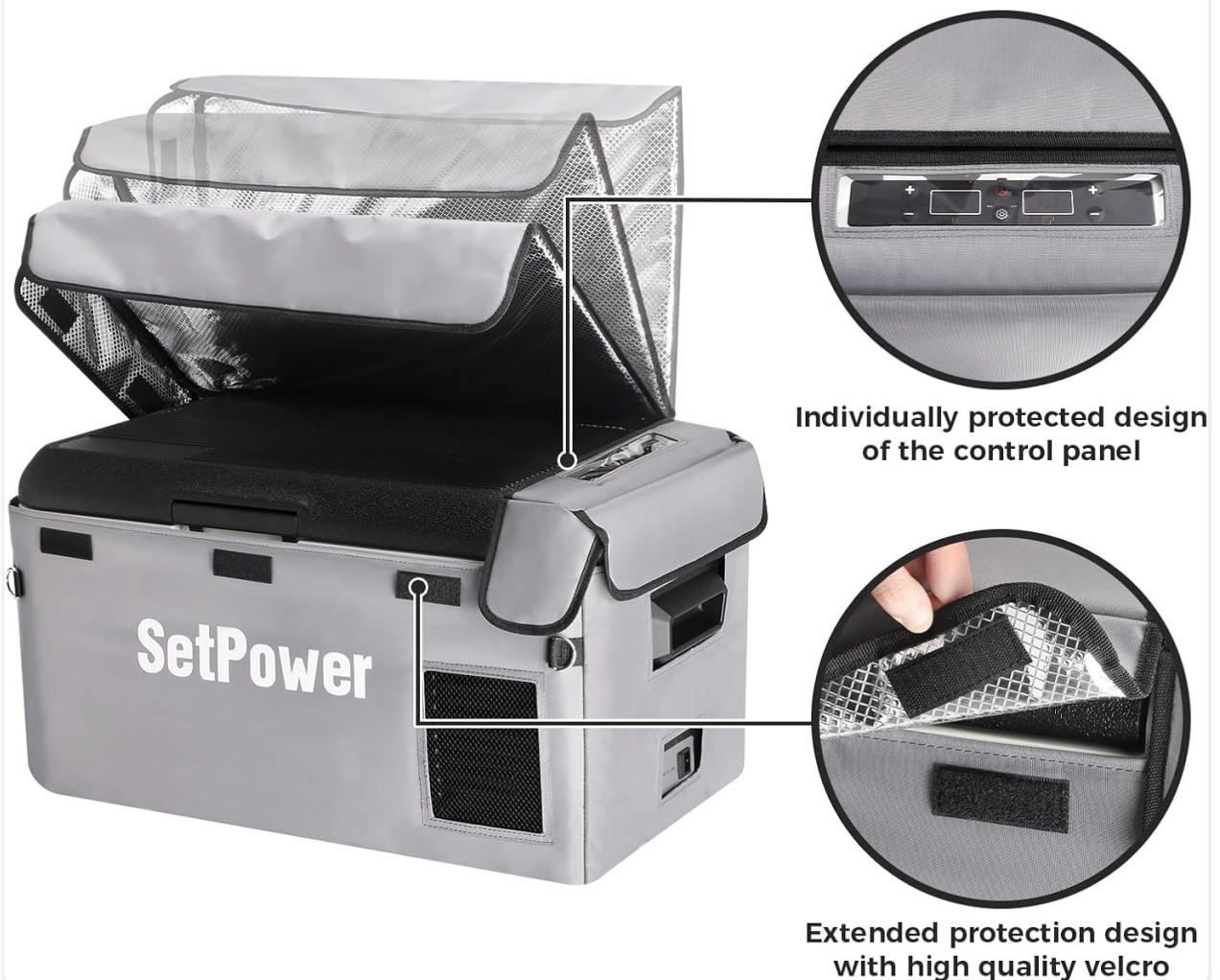


Image 4.2: Construction of the protective cover, illustrating its three layers for durability and insulation.

5. SETUP

5.1 Unpacking and Placement

1. Carefully remove the refrigerator from its packaging.

2. Place the refrigerator on a flat, stable surface. Ensure there is adequate ventilation around the unit, especially near the mesh vents.
3. The PT30 is designed for various vehicle types and can be placed in the front seat, trunk, or truck cab.



Image 5.1: Examples of compact placement in various vehicles.

5.2 Power Connection

The PT30 can be powered by both DC and AC sources:

- **DC Power (12V/24V):** Connect the provided DC power cord to the refrigerator's DC inlet and then to your vehicle's cigarette lighter socket or a 12V/24V power source.
- **AC Power (100-240V):** Connect the AC adapter to the refrigerator's AC inlet, then plug the adapter into a standard wall outlet.

3 Layers of Protection

1. 420D Silver gray fabric

Abrasion resistance and durable

2. 6MM pearl cotton

Padded lining helps protect the fridge from dents and scratches

3. Galvanized aluminum

Thermal insulation and easy to clean

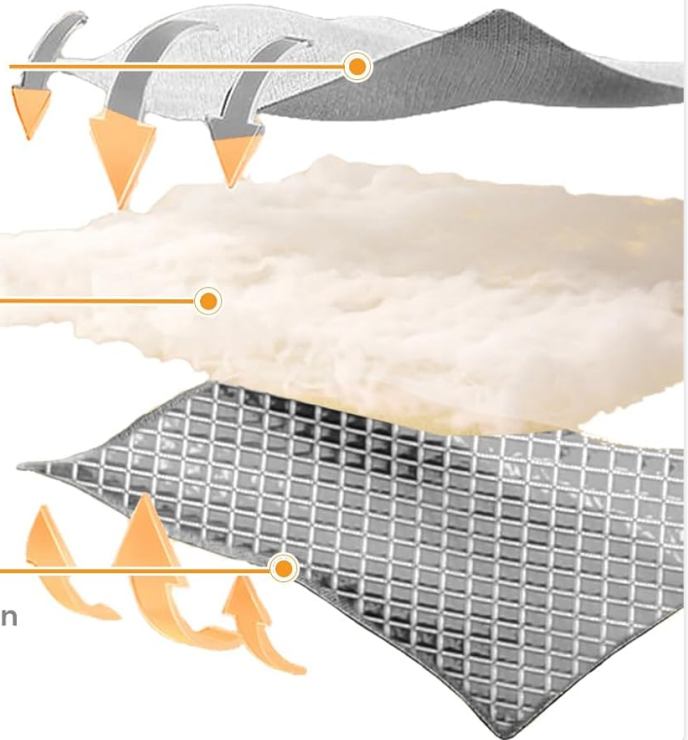


Image 5.2: Various power connection methods for the PT30.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Press the power button on the control panel to turn the refrigerator on or off.

6.2 Temperature Adjustment (Dual Zone)

The PT30 features dual-zone temperature control, allowing you to set different temperatures for each compartment. The temperature range is from 68°F (20°C) down to -4°F (-20°C).

DUAL ZONE DUAL TEMP CONTROL

Experience the freedom to tailor your cooling needs like never before with our dual zone dual temperature control



Image 6.1: Control panel for dual-zone temperature adjustment.

- Use the '+' and '-' buttons corresponding to each zone on the LCD panel to adjust the desired temperature.
- Each zone can function as either a refrigerator or a freezer independently.

3 Level Battery Protection

Voltage		High Voltage	Med Voltage	Low Voltage
12V DC	Cut Out	11.1V	10.4V	9.6V
	Cut In	12.4V	11.7V	10.9V
24V DC	Cut Out	24.3V	22.8V	21.3V
	Cut In	25.7V	24.2V	22.7V



Image 6.2: Dual Zone Dual Control modes.

6.3 Cooling Modes (ECO/MAX)

Select between ECO (Economy) and MAX (Maximum) cooling modes based on your needs:

- **ECO Mode:** Operates at 28W for energy efficiency, suitable for maintaining temperatures.
- **MAX Mode:** Operates at 38W for rapid cooling, ideal for quickly reaching desired temperatures.

The PT30 can cool from 70°F (21°C) to 32°F (0°C) in approximately 15 minutes, and reach -4°F (-20°C) in about 45 minutes.



Image 6.3: Fast cooling performance chart.



Image 6.4: ECO and MAX power consumption modes.

6.4 Battery Protection

The refrigerator includes a 3-level battery protection system to prevent your vehicle's battery from draining. You can select High, Medium, or Low protection levels.



Image 6.5: Battery protection voltage levels.

6.5 Anti-Shake Design

The PT30 is engineered with an anti-shake design, allowing it to maintain cooling performance even when tilted up to 40 degrees, making it suitable for off-road use.



Image 6.6: Anti-shake design for stable operation.

7. APP CONTROL

The Setpower PT30 can be controlled via a mobile application for convenient management of settings.

7.1 App Download and Pairing

- Refer to the included user manual or product packaging for specific instructions on where to download the Setpower control app.
- Follow the in-app instructions to pair your smartphone with the PT30 refrigerator via Bluetooth.

7.2 App Functions

Once connected, the app allows you to:

- Independently manage temperatures for both zones.
- Switch between ECO and MAX cooling modes.
- Turn the refrigerator on or off remotely.

- Monitor the refrigerator's status.



Image 7.1: Easy APP control interface.



Image 7.2: App control for real-time monitoring and remote setup.

8. MAINTENANCE

8.1 Cleaning

- Always disconnect the power before cleaning.
- Wipe the interior and exterior surfaces with a damp cloth and mild detergent.
- Do not use abrasive cleaners or sharp objects that could damage the surfaces.
- Ensure the ventilation openings are free from dust and debris.

8.2 Storage

- When not in use for extended periods, ensure the refrigerator is clean and dry.
- Store it in a dry, well-ventilated area.
- The included protective cover can be used to shield the refrigerator from dust and minor impacts during storage.

Easy to Use

Easy Open via Velcro Design and Transparent Control Panel for Temperature Regulation

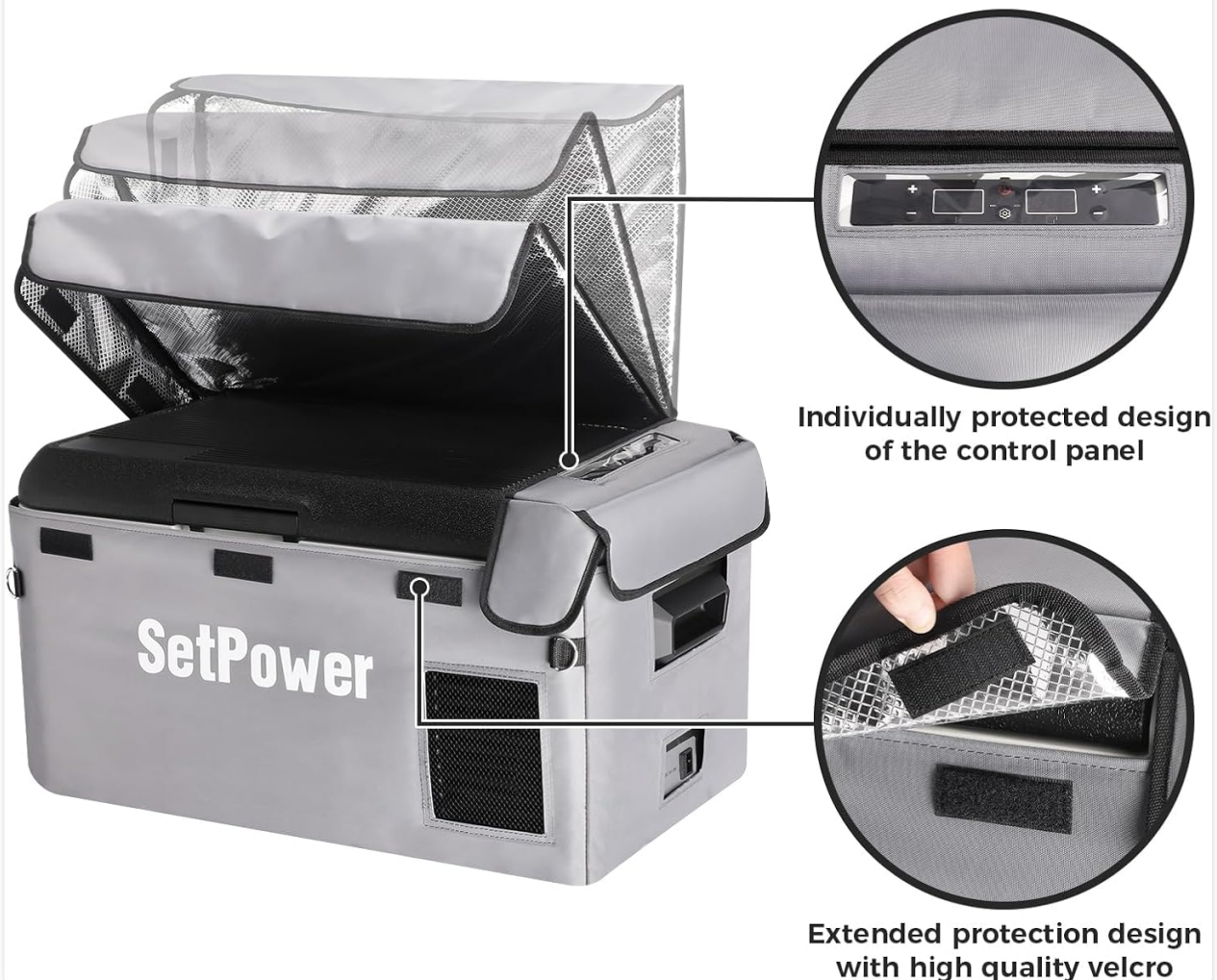


Image 8.1: Protective cover features for easy use and access.

9. TROUBLESHOOTING

If you encounter issues with your Setpower PT30, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Refrigerator does not turn on	No power supply; Damaged power cord; Blown fuse in vehicle	Check power connections; Try a different power outlet; Inspect power cord for damage; Check vehicle's fuse box.
Insufficient cooling	Ventilation blocked; Temperature setting too high; Door not closed properly; Ambient temperature too high	Ensure vents are clear; Lower temperature setting; Close door securely; Move to a cooler environment if possible.
Error code displayed	Internal malfunction; Sensor issue	Refer to the specific error code in the detailed manual (if available) or contact customer support.
Excessive noise	Unit not level; Fan obstruction	Place the unit on a level surface; Check for any obstructions around the fan. Note that the PT30 operates at less than 35dB.



Image 9.1: Noise level comparison, showing the PT30 operates quietly.

10. SPECIFICATIONS

Detailed technical specifications for the Setpower PT30 Car Refrigerator:

- **Model:** PT30
- **Capacity:** 30 Liters (32 QT)
- **Refrigerator Fresh Food Capacity:** 15 Liters
- **Freezer Capacity:** 15 Liters
- **Product Dimensions:** 27.1 x 15.1 x 13.8 inches (68.8 x 38.4 x 35.1 cm)
- **Item Weight:** 29 pounds (13.15 kg)
- **Voltage:** 12 Volts / 24 Volts DC, 100-240 Volts AC
- **Annual Energy Consumption:** Approximately 45 Watt Hours (ECO mode)
- **Installation Type:** Freestanding

- **Defrost System:** Automatic
- **Number of Doors:** 1
- **Shelves:** 1
- **Color:** Black & White
- **Special Features:** Portable, Dual Zone, APP Control, Fast Cooling, Battery Protection

PT30 32 QT LARGE CAPACITY

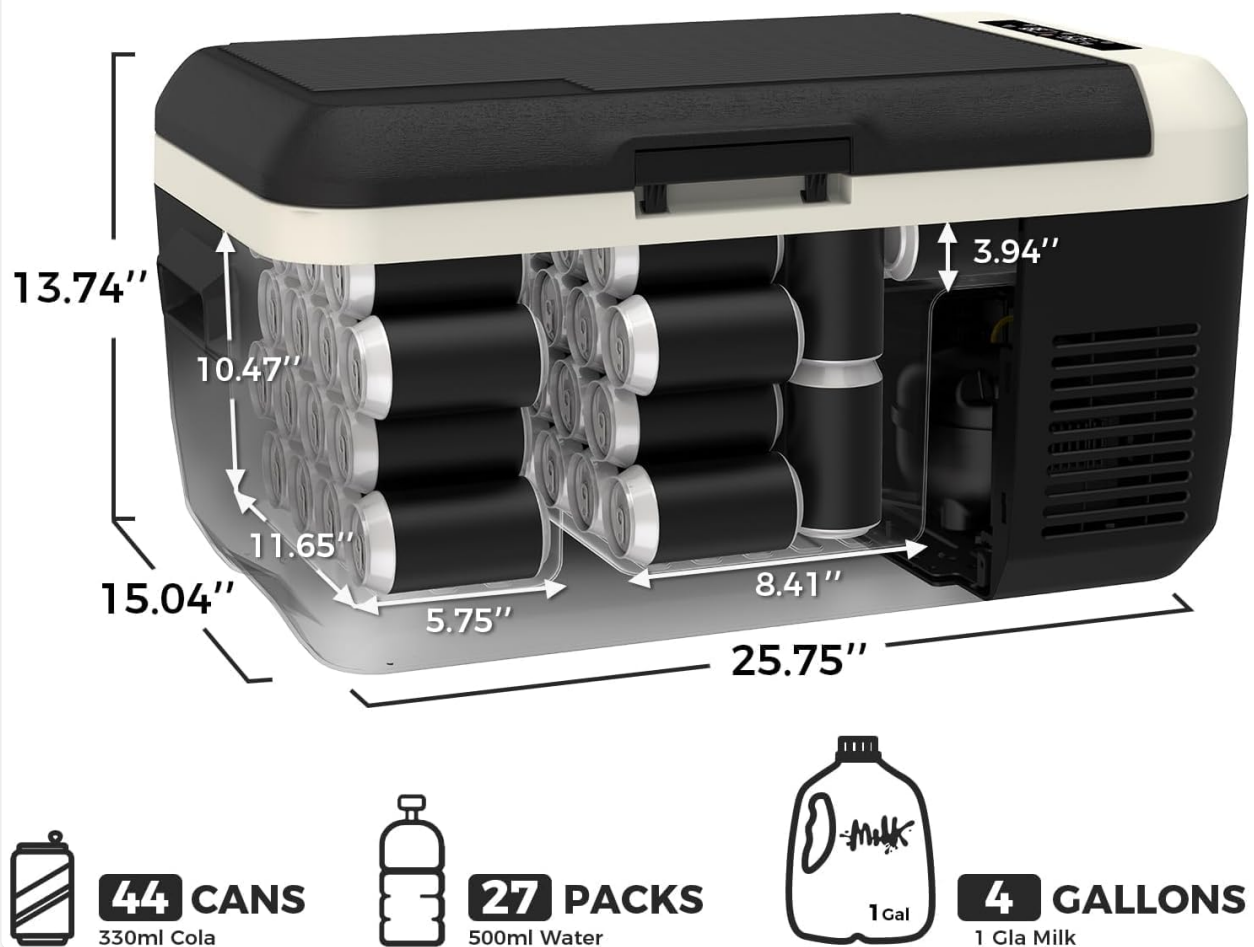


Image 10.1: PT30 capacity and dimensions.

11. WARRANTY AND SUPPORT

Setpower is committed to providing reliable products and excellent customer service.

- **Compressor Warranty:** 3 years of technical support on the compressor.
- **Parts Warranty:** 1 year warranty for all other parts.

For any product questions, technical assistance, or warranty claims, please do not hesitate to reach out to Setpower customer support. Refer to your product packaging or the official Setpower website for the most current contact information.

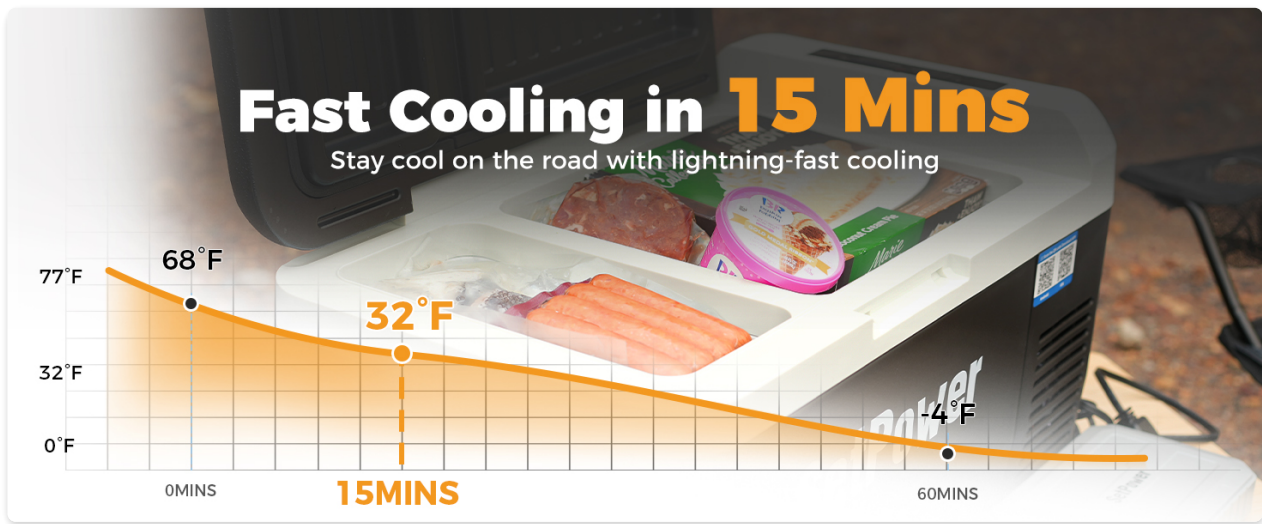



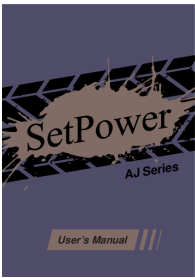


Image 11.1: Setpower's commitment to professional support and warranty.

Related Documents - PT30

	<p>SetPower PT30 Portable Refrigerator User Manual</p> <p>Comprehensive user manual for the SetPower PT30 portable refrigerator, covering safety instructions, specifications, operating procedures, troubleshooting, maintenance, and warranty information.</p>
	<p>SetPower RV65D Portable Refrigerator/Freezer User Manual</p> <p>Comprehensive user manual for the SetPower RV65D portable refrigerator and freezer, covering safety information, operation, maintenance, troubleshooting, and warranty details.</p>
	<p>SetPower TC65/TC75 Portable Fridge Freezer User Manual</p> <p>Comprehensive user manual for SetPower TC65 and TC75 portable fridge freezers, covering safety instructions, specifications, operation, troubleshooting, and warranty information.</p>
	<p>SetPower AJ Series User's Manual</p> <p>User's manual for the SetPower AJ Series refrigerators, covering safety information, description, getting started, electronic controls, filling, defrosting, maintenance, cleaning, suggestions, general safety messages, notices, and fault codes.</p>



[SetPower RV45S Portable Fridge Freezer User Manual - Operation, Safety, and Warranty](#)

Comprehensive user manual for the SetPower RV45S portable fridge freezer. Covers safety information, data sheet, description, installation, operation, maintenance, troubleshooting, and warranty details for 12/24V DC and 110-240V AC use.



[SetPower FC15/20 Portable Refrigerator/Freezer User Manual](#)

Comprehensive user manual for the SetPower FC15 and FC20 portable refrigerators and freezers, covering safety instructions, operation, troubleshooting, maintenance, and warranty information.