

Setpower RV60D Pro

Setpower RV60D Pro 60QT Dual Zone Portable Electric Cooler User Manual

Model: RV60D Pro | Brand: Setpower

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Setpower RV60D Pro 60QT Dual Zone Portable Electric Cooler. Please read these instructions carefully before use and retain them for future reference. This portable cooler is designed for cooling and freezing items in vehicles, RVs, trucks, vans, and during camping or road trips, offering both AC and DC power options.



Image 1.1: The Setpower RV60D Pro 60QT Portable Electric Cooler, featuring a black and grey design with wheels and an extendable handle for portability.

2. SAFETY INSTRUCTIONS

- Ensure the power supply voltage matches the cooler's requirements (12V/24V DC or 100-240V AC).
- Do not operate the cooler if the power cord is damaged. Contact customer support for replacement.
- Keep the cooler away from heat sources and direct sunlight to ensure optimal performance.
- Ensure adequate ventilation around the cooler. Do not block air vents.
- Avoid placing liquids directly into the cooler without sealed containers to prevent spills and potential damage.
- Do not use abrasive cleaners or sharp objects inside the cooler.
- The cooler can operate on slopes under 40 degrees, but stable placement is recommended.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Setpower RV60D Pro Portable Electric Cooler
- 1 x 12V/24V DC Power Cord
- 1 x AC Adapter (100-240V)
- 1 x User Manual (this document)
- 3 x Baskets for internal organization

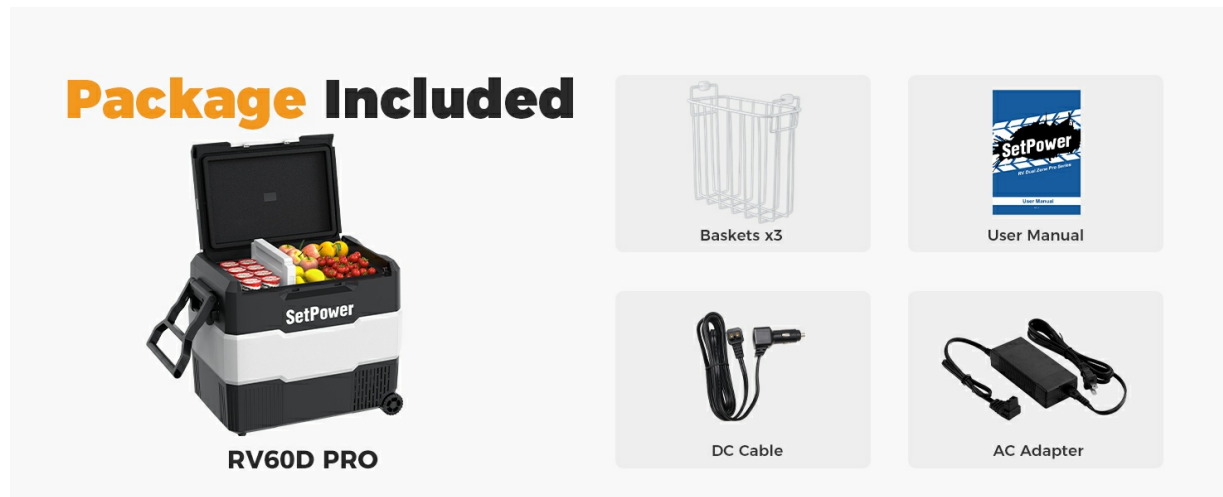


Image 3.1: Visual representation of the items included in the Setpower RV60D Pro package, showing the cooler, baskets, DC cable, AC adapter, and user manual.

4. PRODUCT OVERVIEW AND FEATURES

4.1 Dual Zone Design and Temperature Control

The RV60D Pro features a flexible dual-zone design with a removable divider. This allows for independent temperature management in two separate compartments, or operation as a single large zone. The adjustable temperature range is 0°F to 50°F (-18°C to 10°C).

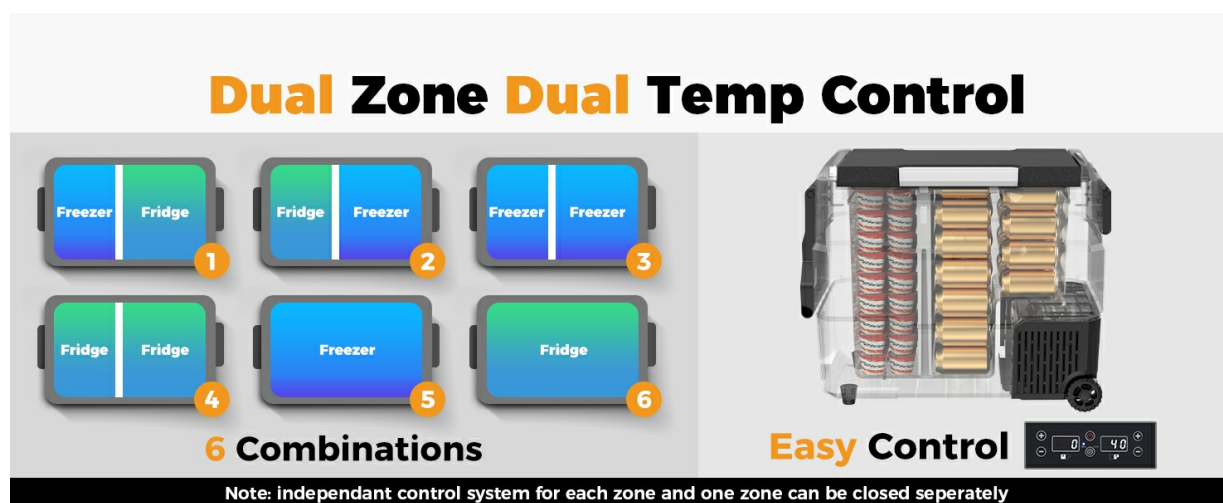


Image 4.1: Illustration of the dual-zone functionality, showing six possible temperature combinations for the two compartments, including both as freezers, both as fridges, or one of each.

4.2 Mobility and Capacity

Equipped with sturdy wheels and a switchable drawbar, the cooler is designed for easy transport. The

60QT capacity can hold approximately 72 cans of cola, 64 bottles of water, or 21 bottles of wine. Product dimensions are 27.9" (D) x 16.6" (W) x 21.5" (H).



Image 4.2: A person pulling the Setpower RV60D Pro cooler using its extendable drawbar and wheels, highlighting its portability features.

4.3 Smartele Compressor and Cooling Performance

The cooler utilizes a high-performance Smartele Compressor for fast cooling and reliable operation. It features an ECO mode ($\leq 45W$) for energy saving and a MAX mode ($\leq 60W$) for rapid cooling. It can cool from 77°F to 32°F in approximately 15 minutes and from 32°F to 0°F in 45 minutes (based on laboratory conditions).



Image 4.3: An illustration of the Smartele Compressor, emphasizing its energy-saving ECO mode ($\leq 45W$) and fast-cooling MAX mode ($\leq 60W$).

4.4 Humanized Design Features

- **Internal Baskets:** Three removable baskets are included for organizing contents.
- **Drainage Hole:** A convenient drainage hole facilitates easy cleaning.
- **LED Light:** An internal LED light assists in finding items in low-light conditions.
- **Low Noise Operation:** Operates at approximately 38dB, minimizing disturbance.
- **Anti-tilt Capability:** Designed to function reliably on slopes up to 40 degrees.
- **2-Way Door:** The lid can be opened from either side for convenience.

More Details



Image 4.4: Close-up views of the cooler's detailed features, including the internal LED light, drain outlet, rebound handle, and lid latch.

5. SETUP

5.1 Unpacking and Initial Placement

1. Carefully remove the cooler from its packaging.
2. Place the cooler on a flat, stable surface. Ensure there is sufficient space around the unit for proper ventilation (at least 10 cm on all sides).
3. Allow the cooler to stand upright for at least 6 hours before connecting to power, especially if it was transported horizontally. This allows the compressor oil to settle.

5.2 Power Connection

The cooler can be powered by either DC (12V/24V) or AC (100-240V) power sources.

- **DC Power (Vehicle):** Connect the 12V/24V DC power cord to the cooler's DC input port and then to your vehicle's cigarette lighter socket or a dedicated 12V/24V power outlet.
- **AC Power (Home/Shore Power):** Connect the AC adapter to the cooler's AC input port, then plug the adapter into a standard 100-240V AC wall outlet.

Ensure connections are secure before powering on the unit.

5.3 Removable Divider Installation

To enable dual-zone functionality, insert the removable divider into the designated slot inside the cooler. To operate as a single zone, simply remove the divider.

Removable Divider

Single zone or dual zone, choose you like



Image 5.1: An exploded view showing how the removable divider is inserted into the cooler to create two separate temperature zones, or removed for a single large zone.

6. OPERATING INSTRUCTIONS

6.1 Control Panel Overview

The control panel is located on the top surface of the cooler. It typically includes power buttons, temperature adjustment buttons (+/-), and mode selection buttons (ECO/MAX).



Image 6.1: A close-up of the cooler's control panel, displaying temperature settings, power buttons, and mode indicators for ECO and MAX settings.

6.2 Powering On/Off

Press and hold the power button for a few seconds to turn the cooler on or off. The display will illuminate when the unit is powered on.

6.3 Temperature Adjustment

Use the + and - buttons to set the desired temperature for each zone (if the divider is installed). The display will show the current and target temperatures. The temperature range is 0°F to 50°F.

6.4 Operating Modes (ECO/MAX)

- **MAX Mode:** Provides maximum cooling power for rapid temperature reduction. This mode consumes more power.
- **ECO Mode:** Optimizes power consumption for energy efficiency, suitable for maintaining temperatures once desired levels are reached.

Press the 'Mode' button to switch between MAX and ECO modes.

6.5 Battery Protection Settings

The cooler features a 3-level battery protection system to prevent your vehicle's battery from draining. You

can select between HIGH, MED, and LOW settings. Refer to the table below for cut-in and cut-out voltages:

Battery Protection Voltage Settings

Voltage	Setting	12V DC Cut Out	12V DC Cut In	24V DC Cut Out	24V DC Cut In
High	H	11.1V	12.4V	24.3V	25.7V
Medium	M	10.4V	11.7V	22.8V	24.2V
Low	L	9.6V	10.9V	21.3V	22.7V

To change the battery protection setting, press and hold the 'Set' button (or equivalent) until the indicator flashes, then use the + or - buttons to select the desired level.

Professional Team



3 Years
Warranties





24 Hours
Online Service









Image 6.2: This image illustrates the 3-level battery protection system with a table of cut-in/cut-out voltages for 12V and 24V DC, alongside a graphic indicating the cooler's low noise level ($\leq 38\text{dB}$).

7. MAINTENANCE

7.1 Cleaning

1. Always disconnect the power before cleaning.
2. Wipe the interior and exterior surfaces with a damp cloth and mild detergent.
3. Use the integrated drainage hole to remove any accumulated water or spills.
4. Ensure the cooler is completely dry before reconnecting power or storing.
5. Do not use abrasive cleaners, steel wool, or harsh chemicals, as these can damage the surfaces.

7.2 Storage

When not in use for extended periods, clean the cooler thoroughly, leave the lid slightly ajar to prevent odors, and store it in a dry, well-ventilated area.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps:

- **Cooler not powering on:** Check power connections (DC/AC), ensure the power outlet is functional, and verify the vehicle's battery voltage is above the cut-out level if using DC power.
- **Insufficient cooling:** Ensure the cooler is not overloaded, the lid is properly sealed, and there is

adequate ventilation. Check if the mode is set to MAX for faster cooling.

- **Error codes on display:** Consult the full user manual (provided in package) for specific error code interpretations and solutions.
- **Unusual noise:** A slight humming from the compressor is normal. If the noise is excessive or unusual, ensure the cooler is on a stable surface and not vibrating against other objects.

For persistent issues, contact Setpower customer support.

9. SPECIFICATIONS

Setpower RV60D Pro 60QT Specifications

Feature	Specification
Brand	Setpower
Model	RV60D Pro
Capacity	60 Quarts
Product Dimensions	27.9"D x 16.6"W x 21.5"H
Item Weight	47.2 Pounds
Color	Black
Material	Polyurethane Foam
Power Input	12V/24V DC, 100-240V AC
Temperature Range	0°F - 50°F (-18°C - 10°C)
Power Consumption (ECO Mode)	≤45W
Power Consumption (MAX Mode)	≤60W
Noise Level	≤38dB
Special Features	Dual Zone, Removable Divider, Drain Hole, Portable, Wheeled, 2-Way Door, 3-Level Battery Protection
Defrost Type	Automatic

10. WARRANTY AND SUPPORT

Setpower provides the following warranty coverage for your RV60D Pro portable electric cooler:

- **Compressor:** 3-year technical support.
- **Other Parts:** 1-year warranty.

For any product questions, technical assistance, or warranty claims, please contact Setpower customer support. Keep your purchase receipt as proof of purchase for warranty services.

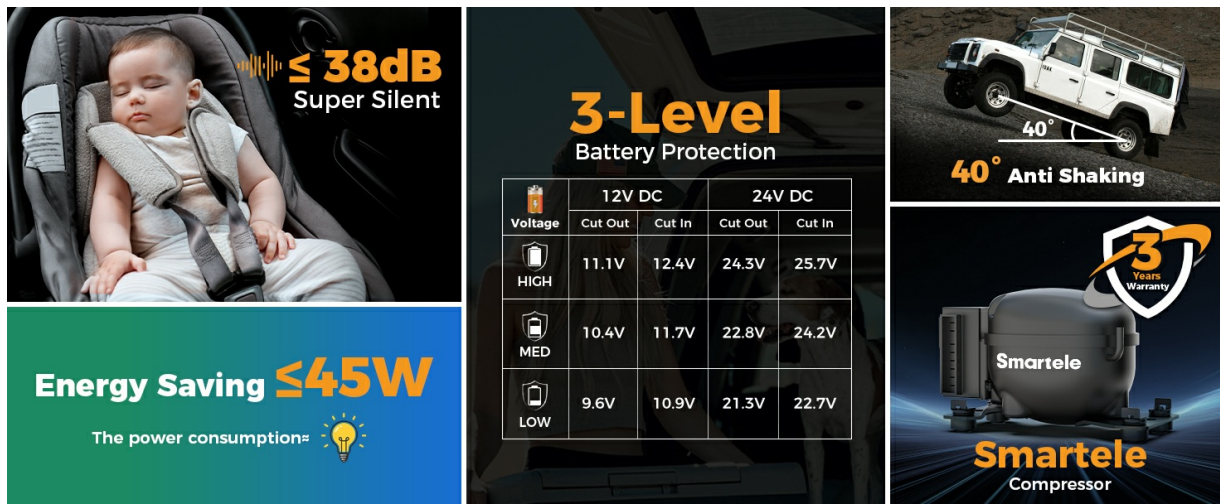








Image 10.1: An image highlighting Setpower's professional support, including 3-year warranties and 24-hour online service, alongside certifications.

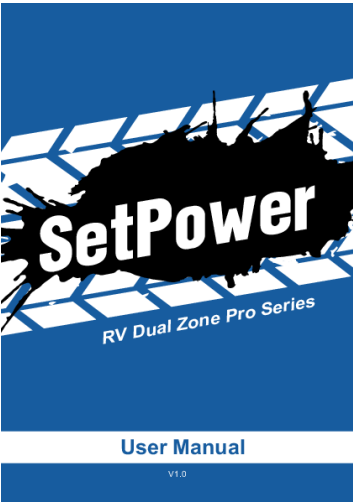
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Related Documents - RV60D Pro

	<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 RV45S Portable Fridge Freezer User Manual - Operation, Safety, and Warranty</p> <p>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.</p>

	<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 FC Series Portable Fridge Freezer User Manual</p> <p>This user manual provides comprehensive instructions for operating and maintaining the SetPower FC Series portable fridge freezers, including models FC12 and FC20. It covers safety information, technical specifications, operational guidance, troubleshooting, and warranty details.</p>
	<p>SetPower AJ Series Portable Refrigerator User Manual</p> <p>Comprehensive user manual for the SetPower AJ Series portable refrigerators and freezers (AJ30, AJ40, AJ50), covering safety, operation, installation, maintenance, troubleshooting, and warranty information.</p>

Documents - Setpower – RV60D Pro



[\[pdf\]](#) User Manual Quick Start Guide Installation Guide Instructions Specifications Dimension Guide Warranty

RV45D 60D PRO V1 0 cdr sel 013 User Manual SetPower 60 Quart 56 Liter Dual Zone Compact Refrigerator with DC Converter Regulator 0°F 50°F Portable Fridge Freezer for Car RV Camping 12 Volt 24V Automotive A1d BTPaGkL m media amazon images I |||

RV Dual Zone Pro Series User Manual V1.0 CONTENT 1.PACKAGE CONTENT 01 2.SPECIFICATIONS 02 3.G ... crews For Handle X 4 Elastic Handles X 1 Hex Wrench X 1 01 2.SPECIFICATIONS Model RV45D Pro RV60D Pro External Dimensions 25.416.717.3 in. 25.416.721.1 in. 645425440mm 645425535mm Capac...

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