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ICECO VL35+PB1000

ICECO 35L Portable Fridge Freezer with 1075Wh PB1000 Battery User Manual

Model: VL35+PB1000

1. SAFETY INFORMATION

Please read all safety instructions carefully before operating the appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply voltage matches the specifications of the appliance.
- Do not immerse the appliance in water or other liquids.
- Keep ventilation openings clear of obstructions.
- Do not use the appliance if the power cord or plug is damaged.
- Avoid touching internal components while the appliance is powered on.
- This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities unless supervised or instructed.
- Disconnect power before cleaning or performing maintenance.

2. PRODUCT OVERVIEW

The ICECO VL35+PB1000 is a portable fridge freezer designed for various applications, including automotive, camping, and travel. It features a SECOP compressor for efficient cooling and comes bundled with a 1075Wh PB1000 portable power station for extended off-grid use.

Key Features:

- **35L Capacity:** Provides ample storage for food and beverages.
- **SECOP Compressor:** Ensures reliable and efficient cooling performance.
- **Multi-opening Lid Design:** Allows for flexible lid opening direction without reassembly, convenient for tight spaces.
- **Dual Power Input:** Operates on 12/24V DC and 110-240V AC.
- **Integrated PB1000 Power Station:** 1075Wh capacity with 1200W AC output and 9 outlets for powering various devices.

- **USB Charging Ports:** Two USB outlets (USB-C PD100W Max, USB-A 18W Max) for mobile devices (available under DC power).
- **Humanized Design:** Includes a drain hole, waterproof baffle, LED lights, and removable handles.
- **UPS Functionality:** The PB1000 offers Uninterruptible Power Supply (UPS) with instant switching for emergency power.

Package Contents:

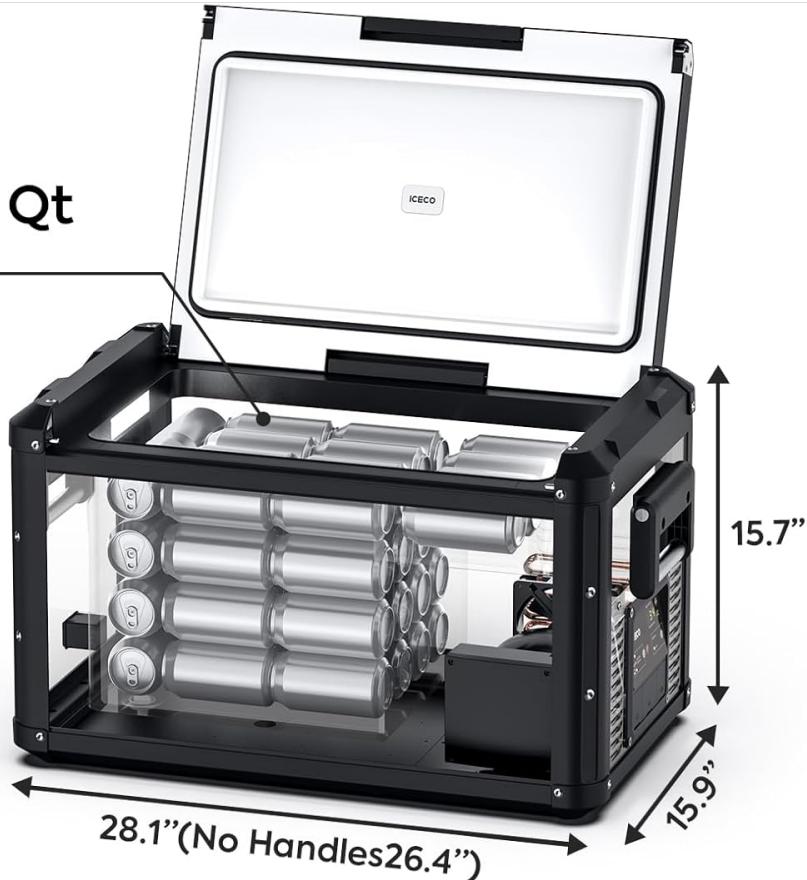
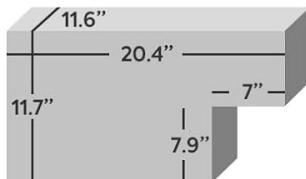
- ICECO 35L Portable Fridge Freezer
- ICECO PB1000 Portable Power Station
- Removable Basket
- Replacement Handles
- Corner Protectors
- Drain Plugs
- AC Power Cable
- DC Power Cable



Figure 2.1: The ICECO 35L Portable Fridge Freezer (main unit) and the PB1000 Portable Power Station (top right inset).

VL35ProS 37 Qt

Internal dimensions:



355ml Coca Cola
56 Cans



550ml Mineral Water
30 Bottles



750ml Red Wine
12 Bottles

Figure 2.2: Detailed dimensions of the VL35ProS unit, showing internal measurements and capacity examples (56 cans, 30 water bottles, 12 wine bottles).

3. SETUP

3.1 Unpacking and Initial Inspection

1. Carefully remove all components from the packaging.
2. Inspect the fridge freezer and power station for any signs of damage during transit. Contact customer support if any damage is found.
3. Clean the interior of the fridge freezer with a damp cloth before first use.

3.2 Connecting Power

The fridge freezer can be powered by either AC (home socket) or DC (car 12/24V) power. The PB1000 power station provides additional power options and portability.

AC Power Connection (110-240V):

- Locate the AC power input port on the fridge freezer.
- Connect the provided AC power cable to the fridge freezer and then to a standard wall outlet.
- The built-in AC transformer allows for direct connection to pre-cool the fridge.

DC Power Connection (12/24V):

- The fridge freezer has 12/24V DC ports on both sides.
- Connect the provided DC power cable to one of the DC ports on the fridge freezer and to your vehicle's 12V or 24V power outlet.

POWER DISPLAY

Clearly displays charging and power status

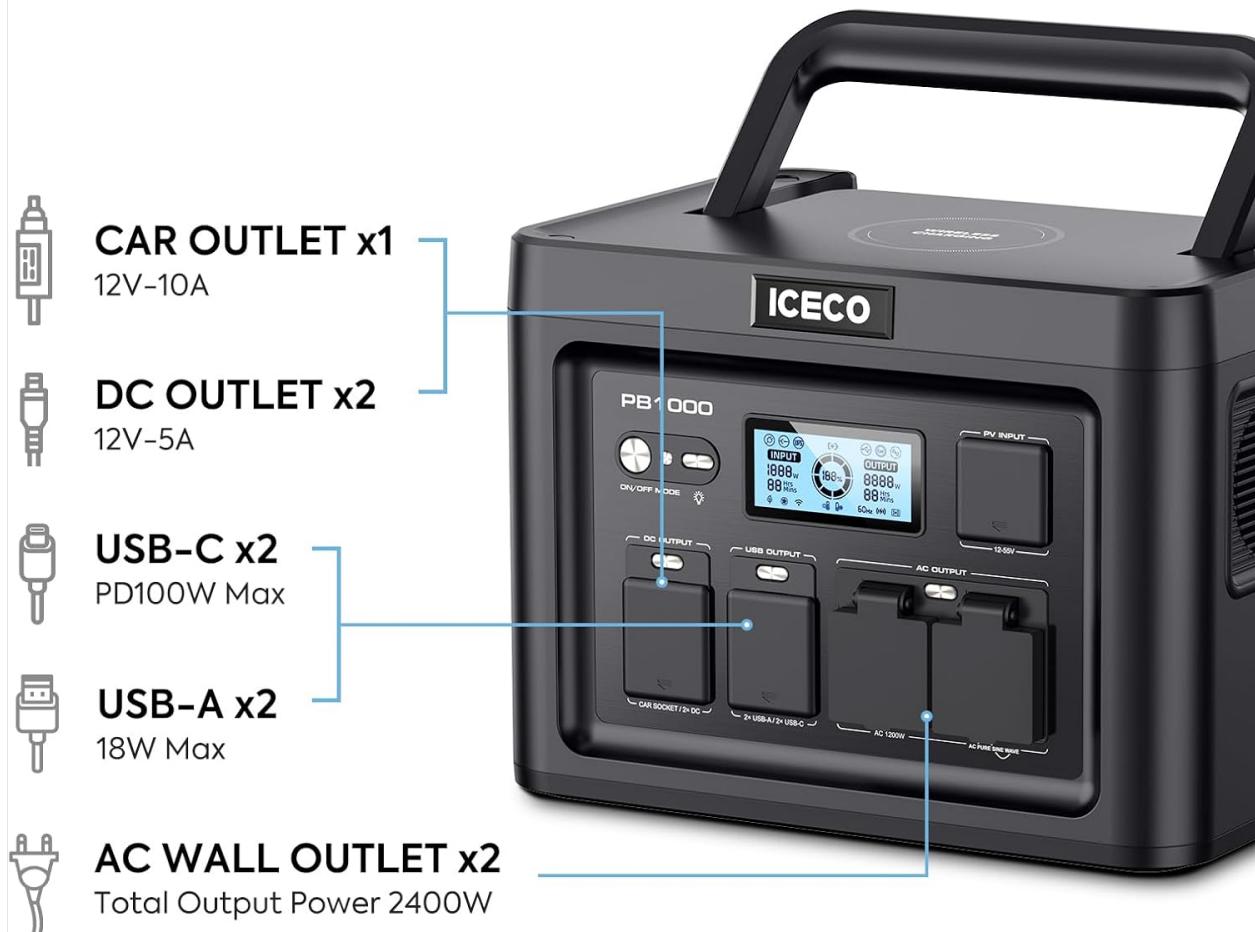


Figure 3.1: Right and Left side views of the fridge freezer, highlighting the AC (Home Use 110-240V) and DC (Car Use Ports 12/24V) power input locations. USB ports are also shown on the right side.

3.3 PB1000 Power Station Setup

The PB1000 power station can be used to power the fridge freezer or other electronic devices.

Charging the PB1000:

- Connect the PB1000 to an AC wall outlet using the provided charging cable for fast charging.
- The PB1000 supports 800W AC fast charging, achieving 0-100% in approximately 1.6 hours.

PCS 800W AC FAST CHARGING

0-100% FULL CHARGE IN 1.6 HOURS

1.6 hrs

ICECO PB1000 AC charging

5 hrs

Other 1002Wh power station AC charging



Figure 3.2: The PB1000 Power Station connected to an AC wall outlet for fast charging, illustrating the rapid charge time compared to other power stations.

3.4 Multi-opening Lid Adjustment

The lid can be adjusted to open from different directions to suit your space requirements. No tools or reassembly are required for this adjustment.

UPS UNINTERRUPTIBLE POWER SUPPLY

Power switches instantly at **0.01s** to seamlessly provide emergency power



Suggestion: Test well before using this function, and be careful to use it with data and medical products to avoid damage.

Figure 3.3: Illustration of the multi-opening lid design, showing how the lid can be removed and re-positioned to open from different sides.

4. OPERATION

4.1 Powering On/Off and Temperature Control

1. Connect the fridge freezer to a power source (AC or DC).
2. Press the power button on the control panel to turn the unit on.
3. Use the temperature adjustment buttons (usually '+' and '-') to set the desired temperature between 0°F and 50°F (approximately -18°C to 10°C).
4. The display will show the current internal temperature and the set temperature.
5. To power off, press and hold the power button.

4.2 Using the PB1000 Power Station

The PB1000 power station can be used independently or in conjunction with the fridge freezer.

Powering Devices:

- The PB1000 features multiple output ports: 1x Car Outlet (12V-10A), 2x DC Outlets (12V-5A), 2x USB-C

(PD100W Max), 2x USB-A (18W Max), and 2x AC Wall Outlets (Total Output Power 2400W).

- Connect your devices to the appropriate output ports.
- The power display on the PB1000 clearly shows charging and power status.

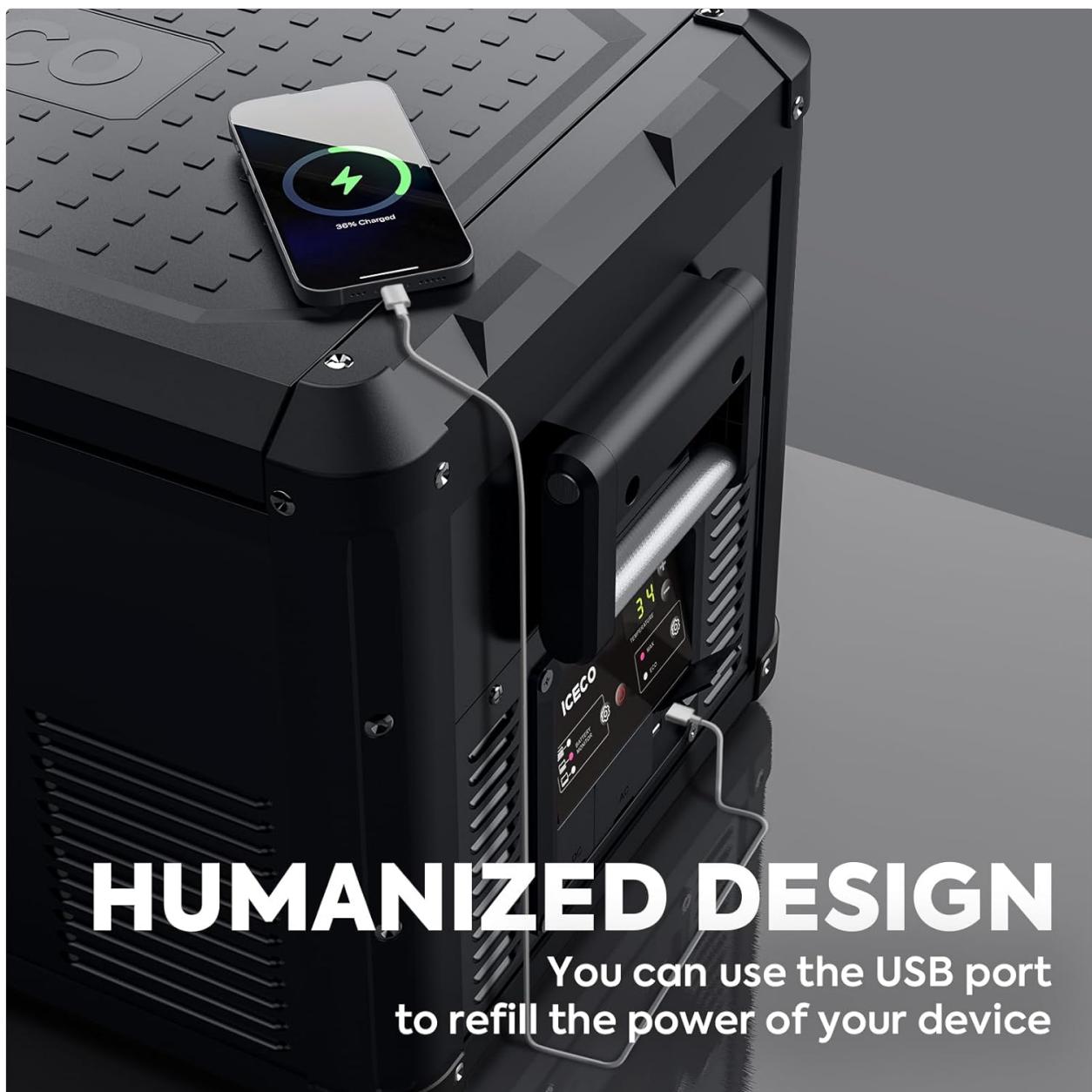


Figure 4.1: The PB1000 Power Station's control panel, illustrating the various output ports (Car, DC, USB-C, USB-A, AC) and the digital display for power status.

USB Charging from Fridge Freezer:

- The fridge freezer itself includes 2 USB outlets for charging mobile devices.
- These USB outlets are only available when the fridge freezer is powered by DC.



Multi-opening Lid Design

Figure 4.2: A close-up of the fridge freezer's side panel, showing a mobile phone connected to and charging from one of the integrated USB ports.

Uninterruptible Power Supply (UPS) Function:

- The PB1000 can function as a UPS, providing seamless emergency power.
- Power switches instantly (within 0.01s) when the main power source is interrupted.
- **Caution:** Test this function thoroughly before relying on it for sensitive data or medical equipment to prevent potential damage.



VL35 Pro

5 YEARS WARRANTY

Max mode runing at 0°f

Power Consumption

≈ 0.43 kw.h/24h

Figure 4.3: The PB1000 Power Station connected to a computer setup, illustrating its role as an Uninterruptible Power Supply (UPS) for continuous power.

5. MAINTENANCE

5.1 Cleaning the Fridge Freezer

- Disconnect Power:** Always unplug the appliance from all power sources before cleaning.
- Interior Cleaning:** Use a soft cloth dampened with mild detergent and warm water to clean the interior surfaces. Avoid abrasive cleaners.
- Drain Hole:** The integrated drain hole allows for easy removal of melted ice or spilled liquids. Ensure the drain plug is securely in place during operation and removed for draining.
- Exterior Cleaning:** Wipe the exterior with a damp cloth. Do not spray water directly onto the unit.
- Waterproof Baffle:** The waterproof baffle helps protect internal components. Ensure it is properly seated after cleaning.
- Drying:** Allow the interior to air dry completely before closing the lid or reconnecting power.

5.2 General Care

- Regularly check power cables for any signs of wear or damage.

- Keep the ventilation grilles clear of dust and debris to ensure proper airflow for the compressor.
- When not in use for extended periods, clean the unit, leave the lid slightly ajar to prevent odors, and store it in a dry, well-ventilated area.

6. TROUBLESHOOTING

If you encounter issues with your ICECO fridge freezer or PB1000 power station, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Appliance not turning on	No power supply; Damaged power cable; Blown fuse in vehicle	Check power connection; Inspect cable; Check vehicle fuse; Try different power source
Insufficient cooling	Ventilation blocked; Door not sealed properly; Ambient temperature too high; Overloaded with warm items	Clear vents; Ensure lid is closed tightly; Move to cooler area; Allow time to cool
Unusual noise	Appliance not level; Fan obstruction; Normal compressor operation	Place on a flat surface; Check for obstructions; Some noise is normal for compressors
PB1000 not charging devices	PB1000 battery low; Output port not activated; Device incompatible	Recharge PB1000; Ensure output port is turned on; Check device power requirements
Error code on display	Internal fault; Sensor issue	Refer to specific error code in a more detailed manual (if available) or contact customer support.

If the problem persists after attempting these solutions, please contact ICECO customer support for further assistance.

7. SPECIFICATIONS

Detailed technical specifications for the ICECO VL35+PB1000 unit:

Feature	Specification
Brand	ICECO
Model Number	VL35+PB1000
Capacity	35 Liters (37 Quarts)
Product Dimensions	28.1 x 15.9 x 15.7 inches (71.4 x 40.4 x 39.9 cm)
Installation Type	Freestanding
Special Feature	Portable

Feature	Specification
Color	Black
Defrost System	Manual
Number of Doors	1
PB1000 Battery Capacity	1075Wh
PB1000 AC Output	1200W (Total Output Power 2400W)
PB1000 AC Fast Charging	800W (0-100% in 1.6 hours)
Temperature Range	0°F - 50°F (approximately -18°C - 10°C)
Power Consumption (Max mode at 0°F)	~0.43 kWh/24h

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The ICECO VL35+PB1000 comes with a **5-year warranty on the SECOP compressor**. For specific details regarding the full product warranty, please refer to the warranty card included with your purchase or visit the official ICECO website.

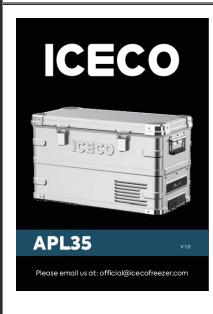


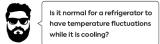
Figure 8.1: Visual representation highlighting the 5-year warranty for the SECOP compressor, indicating product longevity and reliability.

8.2 Customer Support

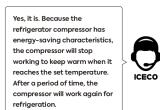
For technical assistance, warranty claims, or general inquiries, please contact ICECO customer support through their official website or the contact information provided in your product packaging. Please have your model number (VL35+PB1000) and purchase date ready when contacting support.

Related Documents - VL35+PB1000

 <p>ICECO VL75/90 ProD ICECO Compressor 5-Year Warranty Local Technical Support</p>	<p>ICECO VL75/90 ProD Portable Refrigerator User Manual and Catalog Comprehensive guide for ICECO VL75/90 ProD portable refrigerators, covering operation, specifications, troubleshooting, safety, warranty, and accessories. This document serves as a user manual and product catalog.</p>
 <p>ICECO JP30/40/50 If there are any problems, please email us: official@icecofreezer.com</p>	<p>ICECO JP30/40/50 Portable Refrigerator/Freezer User Manual and Safety Guide Comprehensive user manual and safety instructions for ICECO JP30, JP40, and JP50 portable refrigerators and freezers. Covers operation, maintenance, troubleshooting, error codes, warranty, and safety guidelines.</p>
 <p>ICECO VL35/45/60 ProS ICECO Compressor 5-Year Warranty Local Technical Support</p>	<p>ICECO VL35/45/60 ProS Portable Refrigerator User Manual & Catalog Comprehensive user manual and product catalog for ICECO VL35/45/60 ProS portable refrigerators. Includes operation, troubleshooting, safety instructions, warranty information, and specifications for various ICECO models.</p>
 <p>ICECO APL35 Please email us at: official@icecofreezer.com</p>	<p>ICECO APL35 Portable Refrigerator User Manual and Guide Comprehensive guide for the ICECO APL35 Dual Zone Aluminum Portable Refrigerator, covering supply details, operation, app control, troubleshooting, safety, and warranty information.</p>
 <p>ICECO GO20 ICECO Compressor 5-Year Warranty Local Technical Support</p>	<p>ICECO GO20 Portable Refrigerator User Manual and Specifications Comprehensive user manual for the ICECO GO20 portable refrigerator, covering supply details, operation, app control, error codes, maintenance, troubleshooting, warranty, safety instructions, and accessories. Includes technical specifications and a catalog of ICECO portable fridge models.</p>



Is it normal for a refrigerator to have temperature fluctuations while it is cooling?



Yes, it is. Because the refrigerator has energy-saving characteristics, the compressor will stop working to keep warm when it reaches the set temperature. After a period of time, the compressor will work again for refrigeration.

[ICECO Portable Refrigerator FAQ: Temperature, Usage, and Troubleshooting](#)

Find answers to common questions about ICECO portable refrigerators, including temperature fluctuations, display accuracy, and handling during shipping. Learn about energy-saving features and optimal usage.