

ICECO PB1000

ICECO PB1000 Portable Power Station User Manual

Model: PB1000 | Brand: ICECO

Quick Reference Guide

1. INTRODUCTION AND SAFETY GUIDELINES

This manual provides essential information for the safe and efficient operation of your ICECO PB1000 Portable Power Station. Please read all instructions carefully before use and retain this manual for future reference.

Important Safety Information:

- Do not expose the power station to rain or moisture.
- Avoid operating in direct sunlight or high temperatures.
- Ensure proper ventilation during use and charging.
- Do not disassemble, repair, or modify the unit.
- Keep out of reach of children and pets.
- Use only specified charging cables and adapters.

2. PRODUCT OVERVIEW

The ICECO PB1000 is a versatile portable power station designed for various applications, offering multiple output options and a robust build.



The ICECO PB1000 Portable Power Station features a robust black casing with a large display and multiple output ports on the front panel, including AC, DC, and USB. A sturdy handle is integrated on top for portability.

Key Components and Ports:

POWER DISPLAY

CLEARLY DISPLAYS CHARGING AND POWER STATUS



A close-up of the ICECO PB1000's front panel, detailing the power display and various output options: 1 PV Input (Max 430W), 1 Car Outlet (12V-10A), 2 DC Outlets (12V-5A), 2 USB-C (PD100W Max), 2 USB-A (18W Max), and 2 AC Wall Outlets (Total Output Power 2400W).

- **Power Button:** Located on the front panel, used to turn the unit on/off and activate the display.
- **Display Screen:** Shows battery level, input/output power, and active ports.
- **DC Output Ports:** Two 12V-5A DC outlets and one 12V-10A car socket.
- **USB Output Ports:** Two USB-A (18W Max) and two USB-C (PD100W Max) ports.
- **AC Output Ports:** Two 1200W AC outlets (Pure Sine Wave).
- **PV Input:** Port for solar panel connection (Max 430W).
- **Wireless Charging Pad:** Located on the top surface for compatible devices.
- **Built-in LED Light:** Located on the back panel, offering multiple brightness settings and an SOS mode.

ESAY TO CARRY

Lightweight & Portable
Power support for adventure



The back of the ICECO PB1000 features a large LED light panel and input ports for AC and DC charging. The light has multiple brightness settings and an SOS mode.

3. SETUP

Initial Charging:

Before first use, it is recommended to fully charge your ICECO PB1000. The unit can be charged from a wall outlet using the provided AC charging cable. It supports fast recharging, going from 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



This image illustrates the fast charging capability of the ICECO PB1000, showing it reaches 0-100% full charge in 1.6 hours, significantly faster than other 1002Wh power stations which take 5 hours.

The power station can also be charged via solar panels using the Anderson to 7909 Connecting Cable (solar panels sold separately).

4. OPERATING INSTRUCTIONS

Powering On/Off:

Press and hold the main power button on the front panel to turn the unit on or off. The display screen will illuminate when the unit is active.

Using Output Ports:

To activate specific output sections (DC, USB, AC), press the corresponding button next to the ports. The display will indicate which sections are active. Ensure the device you are connecting does not exceed the power station's output limits.

Wireless Charging:

Place your wireless charging-enabled device on the designated wireless charging pad on top of the power station. Ensure the device is properly aligned for optimal charging.

Built-in LED Light:

Press the light button on the back panel to cycle through the light modes: low brightness, high brightness, and SOS/flashing mode. This feature is particularly useful for camping or emergency situations.

Uninterruptible Power Supply (UPS) Function:

The PB1000 features a UPS function, allowing power to switch instantly (in 0.01s) to provide seamless power during outages. This protects connected equipment from damage due to power interruptions. It is advised to test this function before connecting sensitive data or medical products.

UPS UNINTERRUPTIBLE POWER SUPPLY

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



The power station is shown connected to a desktop computer setup, demonstrating its UPS function where power switches instantly at 0.01s to provide seamless emergency power. A note advises testing before use with data and medical products.

Powering Various Appliances:

The ICECO PB1000 can power up to 9 devices simultaneously, making it suitable for a wide range of applications from home backup to outdoor activities. Examples of devices it can power include laptops, searchlights, humidifiers, mini-fridges, TVs, sports cameras, smartphones, and game consoles.

SUITED FOR VARIOUS APPLIANCES

Powering up to 9 devices at a time



Laptop Computer
41.4Wh
22 times



Searchlight
10Wh
91 times



Humidifier
15W
60hours



Mini Fridge
40W
20hours



32-inch TV
60W
15hours



Sports Camera
5.9Wh
154 times



Smartphone
10Wh
91 times



Game Console
16Wh
57 times



This graphic shows the ICECO PB1000 powering up to 9 devices simultaneously, with examples including a laptop (22 times), searchlight (91 times), humidifier (60 hours), mini fridge (20 hours), 32-inch TV (15 hours), sports camera (154 times), smartphone (91 times), and game console (57 times).

5. MAINTENANCE

- Keep the power station clean and dry. Avoid exposure to dust and water.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.
- Charge the unit fully at least once every 3-6 months to maintain battery health, even if not in use.
- Do not block the ventilation openings.

6. TROUBLESHOOTING

Unit Not Turning On:

- Ensure the power button is pressed and held for a few seconds.
- Check the battery level on the display. If low, charge the unit.

No Output from Ports:

- Verify that the specific output section (DC, USB, AC) is activated by pressing its corresponding button.
- Check if the connected device's power consumption exceeds the port's or unit's maximum output.
- Ensure the cables are securely connected.

Overload Protection:

If an overload occurs, the unit may automatically shut down to protect itself. Disconnect the overloaded device, wait a few moments, and then restart the power station.

7. SPECIFICATIONS

Feature	Value
Brand	ICECO
Model Name	PB1000
Wattage	1200 Watt-hours
Output Wattage	1200 Watts
Voltage	100 Volts (AC)
Item Weight	32.5 Pounds
Product Dimensions	14.2"L x 10.3"W x 10.5"H
Fuel Type	Electric
Power Source	Battery Powered
Recommended Uses	Camping
Total Power Outlets	9
Fast Charging	0-100% in 1.6 hours



DIMENSION

14.2 x 10.3 x 10.5 inches

NET WEIGHT

32.5 lbs

BATTERY TYPE

LiFePO4

CHARGING WAYS

WALL & Solar

This image shows the ICECO PB1000 Portable Power Station with its dimensions: 14.2 inches (length), 10.3 inches (width), and 10.5 inches (height). It also highlights the net weight of 32.5 lbs, LiFePO4 battery type, and wall/solar charging methods.

8. WARRANTY AND SUPPORT

The ICECO PB1000 Portable Power Station comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact ICECO customer service.

Contact Information: Please email us at: support@icecofreezer.com