



[Manuals.plus](#) /

› [INNOVATIVE LIFE](#) /

› INNOVATIVE LIFE 1000W Portable Power Station User Manual

INNOVATIVE LIFE PYS-PEI-E01000

INNOVATIVE LIFE 1000W Portable Power Station User Manual

Model: PYS-PEI-E01000

1. INTRODUCTION

Thank you for choosing the INNOVATIVE LIFE 1000W Portable Power Station. This device is a versatile and reliable power solution designed to provide electricity for various applications, including home backup, RV trips, outdoor adventures, camping, and emergency situations. Equipped with a high-capacity 1075Wh lithium-ion battery and multiple output ports, it ensures you have power whenever and wherever you need it. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating this power station. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or electric shock.
- Do not expose the unit to fire or extreme temperatures (above 60°C/140°F).
- Do not use or store the unit in high humidity environments or near water.
- Keep the unit away from children and pets.
- Ensure proper ventilation during use to prevent overheating. Do not block ventilation openings.
- Use only recommended accessories and charging cables.
- If the unit emits smoke, strange odors, or unusual noise, stop using it immediately and contact customer support.
- Dispose of the unit according to local regulations for lithium-ion batteries.

3. WHAT'S INCLUDED IN YOUR PACKAGE

Upon opening your package, please verify that all the following items are present and in good condition:

- 1000W Portable Power Station x 1
- AC Adapter x 1
- Car Charger Cable x 1
- Instruction Manual x 1



Figure 3.1: Package Contents. This image displays all items included with your purchase: the 1000W Portable Power Station, AC adapter, car charger cable, and the instruction manual.

4. PRODUCT OVERVIEW

The INNOVATIVE LIFE 1000W Portable Power Station is designed for maximum utility and safety. It features a robust build and a comprehensive set of input/output ports to meet diverse power needs.



Figure 4.1: Front View of the Power Station. This image highlights the main display, input/output ports, and the integrated carrying handle.

4.1. Versatile Output Ports

The power station is equipped with 10 versatile output ports, allowing you to power multiple devices simultaneously:

- 2 x AC 1000W Outlets
- 1 x PD 60W USB-C Port
- 1 x QC 18W Fast Charge Port (USB-A)
- 1 x USB-A Port (5V/2.4A)
- 2 x 12V/10A DC Outputs
- 2 x Car Ports

1000W 10 VERSATILE OUTLETS

Only 31.2 lbs

2 x Car Port

2 x 12V/10A

1 x USB 5V/2.4A

1 x USB 18W
Fast Charge

1 x PD 60W Type-C

2 x AC 1000W Outlets



Figure 4.2: Detailed View of Output Ports. This image illustrates the various output options available on the power station, including AC, DC, USB-A, USB-C, and car ports, designed for diverse device compatibility.

4.2. Secure BMS Battery System

The power station incorporates a safe Lithium-ion Battery Management System (BMS) and high-efficiency energy conversion circuitry. This system provides multiple protections for safe and stable operation:

- Overcharging Protection
- Over-discharging Protection
- High and Low Temperature Protection
- Multi-stage Overcurrent Protection
- Short-circuit Protection
- Pure Sine Wave Output
- MPPT Controller for efficient solar charging

SECURE BMS BATTERY SYSTEM



Overload



Short circuit



Over current



Cooling fan



Pure
sine wave



MPPT
controller

Figure 4.3: Secure BMS Battery System. This diagram visually represents the various safety features and technologies integrated into the power station's battery management system, ensuring reliable and protected power delivery.

5. SETUP AND INITIAL CHARGING

Before first use, it is recommended to fully charge your power station. This ensures optimal battery performance and longevity.

5.1. Initial Charge

Connect the provided AC adapter to the DC input port on the power station and plug it into a standard wall outlet. The LED display will show the charging status and battery percentage. A full charge typically takes 6-7 hours via AC wall outlet.

6. OPERATING THE POWER STATION

The INNOVATIVE LIFE 1000W Portable Power Station is designed for ease of use. Follow these steps to operate your device:

6.1. Powering On/Off

Press and hold the main power button for a few seconds to turn the unit on or off. The LED display will illuminate, showing battery level, output wattage, and remaining runtime.

6.2. Connecting Devices

Identify the appropriate output port for your device (AC, DC, USB-A, USB-C, or Car Port). Plug your device's cable into the corresponding port. Ensure the device's power consumption does not exceed the power station's maximum output for that port or total output (1000W AC).



Figure 6.1: Estimated Device Runtimes. This infographic provides examples of how long the 1000W Portable Power Station can power common electronic devices, illustrating its capacity for extended use.

6.3. Using the LED Light

The power station includes a built-in LED high-brightness light for illumination. Press the light button to cycle through different modes: steady, strobe, and SOS. Press again to turn off.

6.4. Operational Video Guide

Watch this official video from INNOVATIVE LIFE for a visual guide on operating the portable power station, demonstrating its features and various applications.

Your browser does not support the video tag.

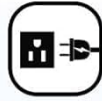
Video 6.1: Portable Power Station Overview. This video demonstrates the key functionalities and practical uses of the INNOVATIVE LIFE portable power station in various settings, including home and outdoor environments.

7. CHARGING METHODS

Your INNOVATIVE LIFE 1000W Portable Power Station offers three convenient charging options:

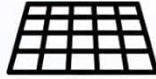
- **AC Wall Outlet:** Use the provided AC adapter to charge the power station from a standard wall outlet. This method typically takes about 6-7 hours for a full charge.
- **Car Charger:** Recharge your power station using the included car charger cable by plugging it into your vehicle's 12V car outlet. This method typically takes about 9-10 hours.
- **Solar Panel (Sold Separately):** For green energy charging, connect compatible solar panels (not included) to the DC input port. The integrated MPPT charging system optimizes solar input, speeding up battery charging. This method typically takes about 5-6 hours depending on solar intensity.

3 CHARGING METHODS



WALL OUTLET

About 6~7 hours



Solar Panel
(Solar Panel Not Included)

About 5~6 hours



Car Charger

About 9~10 hours



Figure 7.1: Multiple Charging Options. This image visually represents the three ways to recharge your power station: via a wall outlet, a car charger, or an optional solar panel, along with their approximate charging durations.

8. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your power station.

- **Storage:** Store the power station in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, charge the unit to about 50-80% every 3-6 months to preserve battery health.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure the ventilation vents are clear of dust and debris to prevent overheating.
- **Battery Care:** Avoid fully discharging the battery frequently, as this can reduce its lifespan.

9. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on	Battery is completely discharged.	Charge the power station using the AC adapter for at least 30 minutes.
Devices are not charging	Output port not activated or device power consumption too high.	Ensure the specific output (AC/DC/USB) is turned on. Check if the device's wattage exceeds the port's limit or the total 1000W limit.
Slow charging via solar panel	Insufficient sunlight or incompatible solar panel.	Ensure the solar panel is in direct sunlight and clean. Verify the solar panel specifications (voltage/wattage) are compatible.
Overload warning on display	Connected devices exceed the power station's output capacity.	Disconnect some devices to reduce the load. Restart the power station.

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

10. SPECIFICATIONS

Detailed technical specifications for the INNOVATIVE LIFE 1000W Portable Power Station:

Feature	Detail
Brand	INNOVATIVE LIFE
Model Number	PYS-PEI-E01000
Battery Capacity	1075Wh (Lithium-ion)
AC Output	120V/1000W (Pure Sine Wave)
DC Output	2 x 12V/10A
USB-C Output	1 x PD 60W
USB-A Output	1 x QC 18W, 1 x 5V/2.4A
Car Port Output	2 x Car Ports
Charging Input	AC Adapter, Car Charger, Solar Panel (MPPT)
Item Weight	31.2 Pounds

Feature	Detail
Product Dimensions	14.8"L x 9.21"W x 12.83"H
Color	Yellow

11. WARRANTY AND SUPPORT

INNOVATIVE LIFE stands behind the quality of its products. This power station comes with a standard manufacturer's warranty. For specific warranty terms, registration, or technical support, please refer to the warranty card included in your package or visit the official INNOVATIVE LIFE website.

For any inquiries or assistance, you may also contact INNOVATIVE LIFE customer service directly.