

Energizer PPS300W2

Energizer 293W Portable Power Station (Model PPS300W2) User Manual

Your guide to safe and efficient operation

1. INTRODUCTION

Thank you for choosing the Energizer 293W Portable Power Station, Model PPS300W2. This device is designed to provide reliable power for various electronic devices during outdoor activities, emergencies, or when off-grid. Please read this manual thoroughly before use to ensure proper operation and to prevent damage.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to avoid injury or damage to the product:

- Do not expose the power station to rain or moisture. It is not water or dust proof.
 - Do not disassemble, repair, or modify the unit.
 - Keep the device away from heat sources, open flames, and direct sunlight.
 - Ensure proper ventilation during use and charging.
 - Keep out of reach of children and pets.
 - Use only approved accessories and charging cables.
 - Avoid dropping or subjecting the unit to strong impacts.
 - In case of abnormal behavior, smoke, or unusual odors, immediately discontinue use and contact support.
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3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Energizer 293W Lithium-NMC Portable Power Station with Removable Flashlight
- Heavy Duty Carrying Case with Shoulder Strap & 2 Storage Compartments
- AC Power Adapter
- 12V Car Outlet Charging Adapter
- User Manual (this document)



Image: The Energizer 293W Portable Power Station, showing the main unit with the removable flashlight inserted into its charging slot.

4. PRODUCT OVERVIEW

The Energizer 293W Portable Power Station features multiple output ports, an LCD display, and a removable LED flashlight. It is designed for portability and versatility.

Lightweight & Powerful

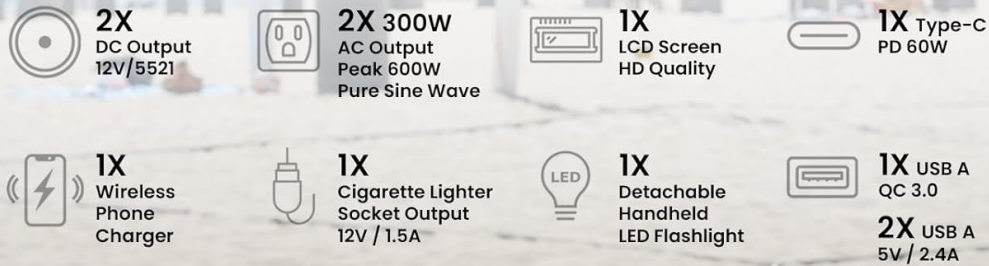


Image: A detailed view of the power station's front panel, highlighting the input/output ports, control buttons, and the LCD screen.

Ports and Features:

- **2x 120V AC Outlets (Pure Sine Wave, 300W / 600W Peak):** For traditional household appliances.
- **1x USB-C PD 60W Port (Input/Output):** For fast charging compatible laptops, tablets, and phones.
- **1x USB-A QC 3.0 Port:** For quick charging compatible devices.
- **2x USB-A 5V/2.4A Ports:** Standard USB ports for charging various devices.
- **1x Wireless Charging Pad:** Located on top for compatible smartphones.
- **1x 12V DC Car Outlet:** For powering 12V car accessories.
- **2x 12V 5521 DC Jacks:** For connecting other 12V DC devices.
- **Removable LED Flashlight:** Integrated into the unit, with High, Low, and SOS modes.
- **LCD Display:** Shows battery level, power draw, and estimated remaining runtime.

5. SETUP AND INITIAL CHARGING

5.1 Unboxing

Carefully remove all components from the packaging. Inspect the power station and accessories for any signs of damage. If any items are missing or damaged, contact customer support.

5.2 Initial Charge

Before first use, fully charge the power station. This can be done using the included AC power adapter, the 12V car charger, or a compatible solar panel (sold separately).

- **AC Charging:** Connect the AC power adapter to the 'Input' port on the power station and then to a wall outlet.
- **Car Charging:** Connect the 12V car outlet charging adapter to the 'Input' port and then to your vehicle's 12V cigarette lighter socket.
- **Solar Charging:** Connect a compatible solar panel (12-24V, 60W-100W recommended) to the 'Input' port. The built-in MPPT controller optimizes solar input.

The LCD display will indicate the charging status and battery level. A full charge typically takes approximately 2.5 hours when using both AC and USB-C PD charging simultaneously, or 5 hours with AC charging alone.

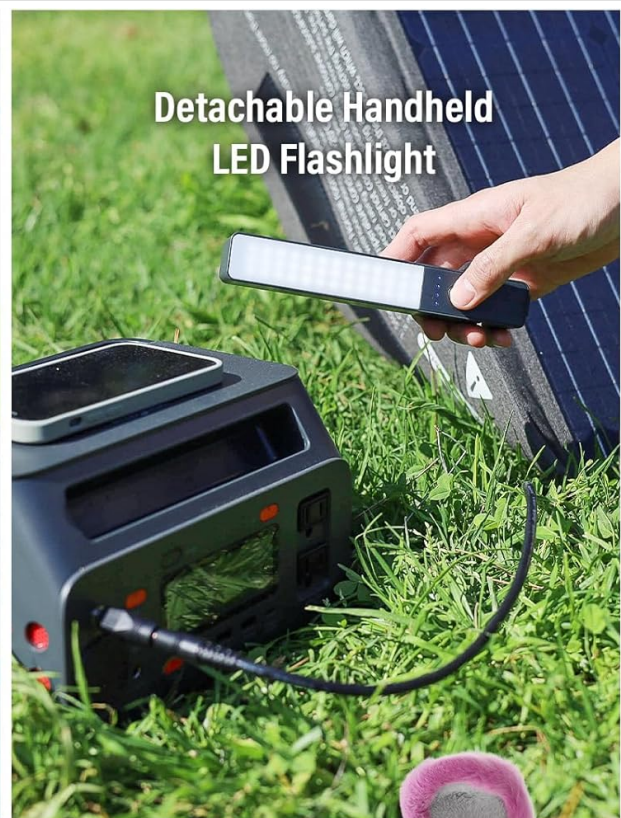
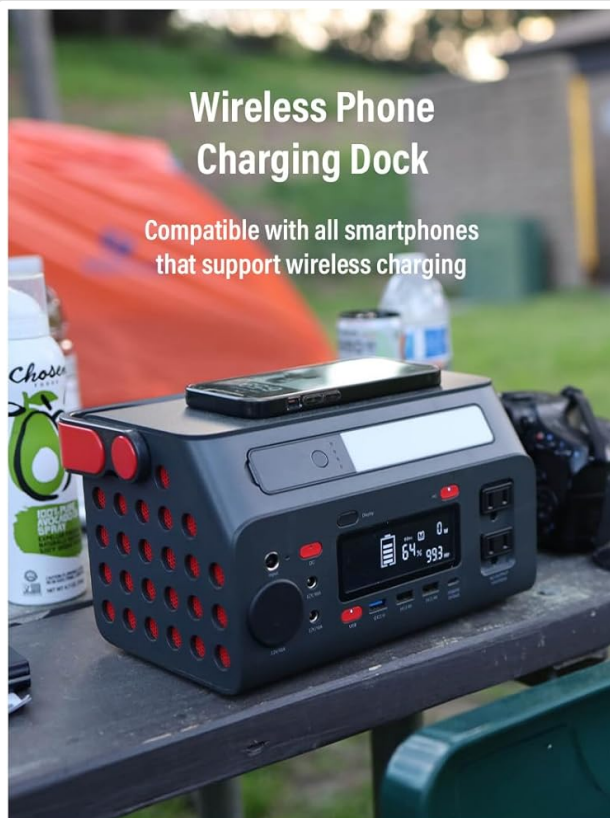


Image: The power station being charged by a solar panel in an outdoor setting, demonstrating its solar readiness.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

To power on the unit, press and hold the 'Off/Display' button for a few seconds. The LCD screen will illuminate. To power off, press and hold the 'Off/Display' button again.

6.2 Using AC Outlets

Press the 'AC' button to activate the 120V AC outlets. The AC indicator on the LCD will light up. Plug your devices into the AC outlets. Press the 'AC' button again to turn off the AC output when not in use.

6.3 Using USB Ports

Press the 'USB' button to activate the USB-A and USB-C ports. The USB indicator on the LCD will light up. Connect your USB devices. Press the 'USB' button again to turn off the USB output.

6.4 Using DC Outlets

Press the 'DC' button to activate the 12V DC car outlet and 5521 DC jacks. The DC indicator on the LCD will light up. Connect your 12V DC devices. Press the 'DC' button again to turn off the DC output.

6.5 Wireless Charging

Place your Qi-compatible smartphone on the wireless charging pad located on the top of the power station. Ensure the phone is centered for optimal charging. The wireless charging function is active when the USB output is enabled.

Long Runtime & Efficient Charging



iPhone
14 Pro

24
Times



iPad Air
5th Gen

10
Times



Wireless
Speaker

2.5
Hours



Drone

24
Times



Wi-Fi
Router

19
Hours



55-inch
LCD TV

4.5
Hours



Car
Refrigerator

5.5
Hours



Macbook
Air M1

5
Times



Image: A smartphone placed on the top surface of the power station, indicating the wireless charging capability.

6.6 Removable Flashlight

The integrated flashlight can be removed from its slot by gently pulling it out. It charges automatically when inserted into the power station. The flashlight has its own battery level indicator. It can also be charged separately via its USB-C port. Press the button on the flashlight to cycle through High, Low, and SOS modes.

Energizer

SOLAR READY: NO GAS OR FUMES

Built-in MPPT (Adapter may be required)



Solar Panel / DC Input

5-6
Hours



Wall Charger

5
Hours



Wall Charger + Type-C

2.5
Hours



Car Charger

6.5
Hours



Car Charger + Type-C

3
Hours



Image: The detachable LED flashlight, removed from the power station, highlighting its portability and independent use.

6.7 LCD Display Information

The LCD screen provides real-time information:

- **Battery Level:** Percentage remaining.
- **Input/Output Wattage:** Current power draw or charging input.
- **Estimated Runtime:** How long the power station will last at the current output, or time to full charge.
- **Port Indicators:** Icons for AC, DC, and USB outputs.

7. MAINTENANCE

7.1 Storage

When not in use, store the power station in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to fully charge the unit every 3-6 months to maintain battery health.

7.2 Cleaning

Use a soft, dry cloth to clean the exterior of the power station. Do not use abrasive cleaners or solvents. Ensure all ports are free from dust and debris.

7.3 Battery Care

The power station uses a Lithium-NMC battery. For optimal lifespan, avoid fully discharging the battery frequently. Charging and discharging generate less heat compared to traditional lithium-ion batteries, contributing to efficiency.

8. TROUBLESHOOTING

8.1 No Power Output

- Ensure the specific output (AC, DC, USB) is activated by pressing its respective button.
- Check the battery level on the LCD display. Recharge if the battery is low.
- Verify that the connected device is functioning correctly and its power requirements do not exceed the power station's capacity (300W continuous, 600W peak for AC).

8.2 Unit Not Charging

- Ensure the charging adapter is securely connected to both the power station's 'Input' port and the power source (wall outlet, car outlet, solar panel).
- Verify the power source is active.
- If using a solar panel, ensure it is positioned correctly to receive sunlight.

8.3 Error Codes on LCD

The built-in microprocessor monitors the system and may display error codes if an issue is detected, such as overload or short circuit. If an error code appears, disconnect all devices, power off the unit, wait a few minutes, and then restart. If the error persists, contact customer support.

8.4 Flashlight Not Working/Charging

- Ensure the flashlight is properly seated in its charging slot within the power station.
- Check the flashlight's own battery level indicator.
- Try charging the flashlight directly via its USB-C port.

9. SPECIFICATIONS

Brand	Energizer
Model Name	Energizer 293W Lithium-NMC Portable Power Station w/ Removable Flashlight & Carry Case

Item Model Number	PPS300W2
Wattage	293 Watt-hours
Fuel Type	Battery
Power Source	Battery Powered
Item Weight	7.44 Pounds (3.37 kg)
Voltage	14.4 Volts (DC)
Output Wattage (AC)	300W Continuous, 600W Peak
Total Power Outlets	10 (2x AC, 1x USB-C PD, 1x USB-A QC, 2x USB-A, 1x Wireless Pad, 1x 12V Car, 2x 12V DC Jacks)
Product Dimensions	9.85"L x 5.91"W x 5.52"H
Batteries	1 Lithium Ion battery (included)
Special Features	Automatic Voltage Regulation, Embedded Removable Flashlight, Overload Protection, Solar Panel Compatible, USB-C PD Charging Input
UPC	889526522971



Image: Diagram showing the length, width, and height dimensions of the power station.

10. WARRANTY AND SUPPORT

10.1 Warranty Information

For detailed warranty information, please refer to the warranty card included with your product or visit the official Energizer website. Keep your proof of purchase for warranty claims.

10.2 Customer Support

If you encounter any issues or have questions not covered in this manual, please visit the Energizer support website or contact their customer service department. Contact information can typically be found on the product packaging or the official Energizer website.