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- › [Schneider Electric](#) /
- › [Schneider OffGrid 332Wh Portable Power Station PPS330 User Manual](#)

Schneider Electric PPS330

Schneider OffGrid 332Wh Portable Power Station PPS330 User Manual

Model: PPS330

1. INTRODUCTION

Thank you for choosing the Schneider OffGrid 332Wh Portable Power Station, model PPS330. This device provides reliable and portable power for various applications, from outdoor adventures to emergency home backup. This manual contains important information regarding the safe operation, use, and maintenance of your power station. Please read it thoroughly before use and retain it for future reference.



Image: The Schneider OffGrid 332Wh Portable Power Station PPS330, a compact gray unit with green accents, shown in an outdoor setting.

2. SAFETY INSTRUCTIONS

To ensure safe operation, always follow these basic precautions:

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or injury.
- Do not expose the unit to fire or high temperatures (above 60°C/140°F).
- Do not use or store the unit in direct sunlight, near heat sources, or in high humidity environments.
- Do not use or store the unit in a bathroom or in areas exposed to water.
- Do not drop, strike, or subject the unit to strong impacts.
- Keep the unit away from children and pets.
- Use only recommended accessories and chargers.
- Ensure proper ventilation during use and charging. Do not cover the unit.
- In case of fire, use a dry powder fire extinguisher. Water may cause electric shock.
- If liquid from the unit comes into contact with your skin or eyes, rinse immediately with clean water and seek medical attention.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- (1) Schneider OffGrid 330 Portable Power Station (PPS330)

- (1) AC Charging Cable
- (1) DC Charging Cable
- (1) Quick-Start Guide
- (1) Safety Guide

4. PRODUCT OVERVIEW

Familiarize yourself with the ports and features of your PPS330 power station.

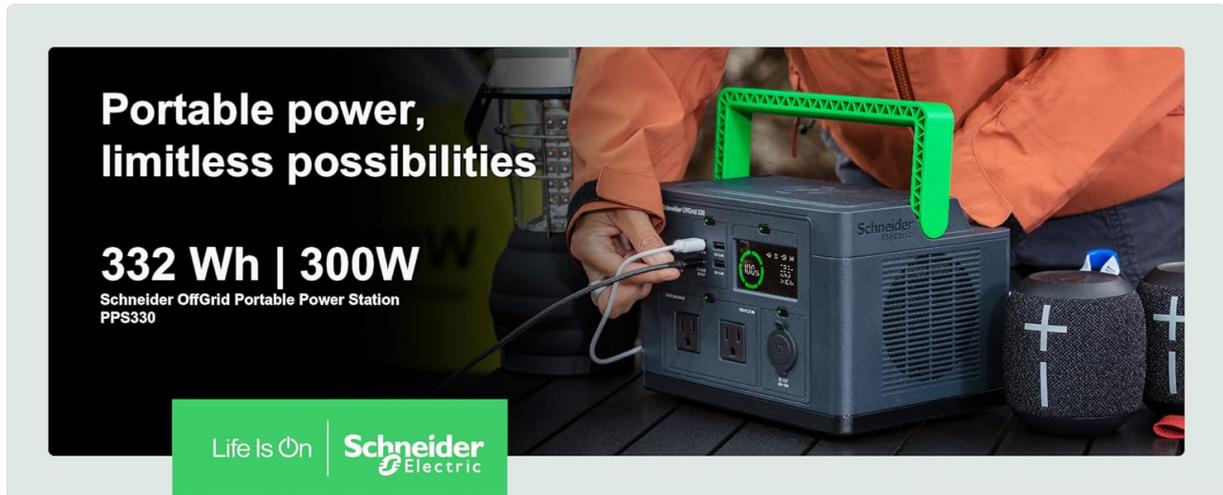


Image: Diagram illustrating the various ports and features of the PPS330, including AC outlets, USB ports, DC input, car/cigarette port, wireless charging pad, and LCD display.

- **AC Output Ports (x2):** Standard 120V AC outlets for household appliances.
- **USB-A Output Ports (x3):** For charging smartphones, tablets, and other USB-powered devices.
- **USB-C Port (PD 60W, Input/Output):** Versatile port for charging and recharging compatible devices.
- **DC Input Port:** For charging the power station via AC adapter or solar panel.
- **Car/Cigarette Port:** 12V DC output for car accessories.
- **Wireless Charging Pad:** For Qi-compatible devices.
- **LCD Display:** Shows battery level, input/output wattage, and other status indicators.
- **Ambient LED Light:** Provides illumination, includes an SOS flashing mode.

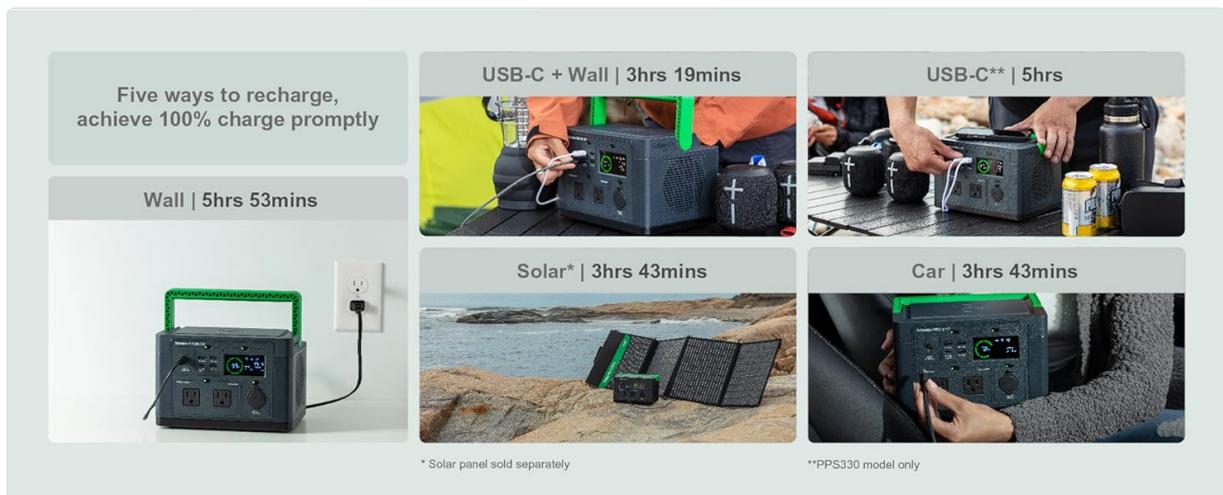


Image: Close-up view of the Schneider OffGrid PPS330 showing the LED light and its button.

5. SETUP

5.1 Initial Charging

Before first use, fully charge your PPS330 power station. This ensures optimal battery performance and calibration.

1. Connect the AC charging cable to the DC input port on the power station.
2. Plug the other end of the AC charging cable into a standard wall outlet.
3. The LCD display will show the charging status. The unit is fully charged when the display indicates 100%.



Image: Visual guide demonstrating five methods to recharge the PPS330: USB-C + Wall, USB-C only, Wall outlet, Solar panel, and Car charger.

6. OPERATING INSTRUCTIONS

6.1 Charging the Power Station

The PPS330 offers multiple charging options:

- **Wall Charging:** Use the included AC charging cable. Approximately 5 hours 53 minutes for a full charge.
- **Car Charging:** Use the included DC charging cable to connect to your vehicle's 12V cigarette lighter port. Approximately 3 hours 43 minutes for a full charge.
- **USB-C Charging:** Connect a USB-C PD charger to the USB-C port. Approximately 5 hours for a full charge.
- **USB-C + Wall Charging:** Combine AC wall charging with USB-C PD charging for faster replenishment. Approximately 3 hours 19 minutes for a full charge.
- **Solar Panel Charging (Sold Separately):** Connect a compatible solar panel (e.g., Schneider OffGrid PSP100 or PSP200) to the DC input port. Charging time varies based on sunlight intensity and panel wattage. Approximately 3 hours 43 minutes with optimal solar conditions.

6.2 Using AC Outlets

To power AC devices:

1. Press the AC power button to activate the AC outlets. The indicator light will illuminate.
2. Plug your AC device into one of the two AC outlets.
3. Ensure the device's power consumption does not exceed the power station's 300W output limit.
4. Press the AC power button again to turn off the AC outlets when not in use.

Note: AC output sockets will automatically turn off after 10 hours if the connected load is less than 5W.

6.3 Using USB Ports

To charge USB devices:

1. Press the USB power button to activate the USB-A and USB-C ports. The indicator light will illuminate.
2. Connect your USB device to the appropriate USB-A or USB-C port.
3. The USB-C port supports Power Delivery (PD) up to 60W for faster charging of compatible devices.
4. Press the USB power button again to turn off the USB ports when not in use.

Note: USB and car ports will automatically turn off after 10 hours if the connected load is less than 1W.

6.4 Using DC Car Port

To power 12V DC devices:

1. Press the DC power button to activate the car port. The indicator light will illuminate.
2. Plug your 12V DC device into the car/cigarette port.
3. Press the DC power button again to turn off the car port when not in use.

6.5 Wireless Charging

To charge Qi-compatible devices wirelessly:

1. Place your Qi-compatible device (e.g., smartphone) on the wireless charging pad located on top of the power station.
2. Ensure the device is centered on the pad for optimal charging.
3. The charging indicator on your device will confirm wireless charging has begun.

6.6 Ambient LED Light

The PPS330 features an integrated LED light for illumination.

- **To turn on/off:** Press the LED light button once.
- **To activate SOS mode:** Press and hold the LED light button for a few seconds. The light will flash in an SOS pattern. Press again to return to steady light or turn off.

6.7 LCD Display

The LCD display provides real-time information about the power station's status:

- **Battery Level Indicator:** Shows the remaining battery percentage.
- **Input Wattage:** Displays the power being drawn into the unit during charging.
- **Output Wattage:** Displays the total power being consumed by connected devices.
- **Port Status Indicators:** Icons or lights indicating which output ports (AC, USB, DC) are active.

Stay connected to the things you need, wherever you are!



Image: Front view of the Schneider OffGrid PPS330, highlighting the LCD display showing battery percentage and input/output power.



Image: Infographic showing the PPS330 powering various devices, including drones, mini-fridges, phones, CPAP machines, televisions, and laptops, with estimated usage times or recharges.

7. MAINTENANCE

7.1 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 approximately 50-80% every 3-6 months to preserve battery health.
- Avoid storing the unit in a fully discharged state for extended periods.

7.2 Cleaning

- Wipe the exterior of the unit with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners or solvents.
- Keep ports free of dust and debris. Use compressed air if necessary.

7.3 Battery Care

- The PPS330 uses LG Lithium-ion batteries designed to retain over 80% capacity after 1000 charge cycles.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- Operate the unit within its recommended temperature range.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit not charging	Charging cable not properly connected; Wall outlet not active; Faulty cable/adapter.	Ensure all connections are secure. Test the wall outlet with another device. Try a different charging cable or adapter if available.
Devices not charging from outlets	Output port not activated; Device power consumption too high; Power station battery low.	Press the corresponding power button (AC, USB, DC) to activate the port. Check device's power requirements. Recharge the power station.
Wireless charging not working	Device not Qi-compatible; Device not properly aligned; Thick phone case.	Ensure your device supports Qi wireless charging. Reposition the device on the pad. Remove thick phone cases.
LCD display not working	Unit is off; Battery completely drained; Internal fault.	Press any power button to wake the display. Connect to a charger. If problem persists, contact customer support.
Unit automatically shuts off	Overload protection; Low battery; Eco-mode activation.	Reduce the load on the power station. Recharge the unit. Check if Eco-mode is enabled (AC/USB/Car ports turn off after 10 hours with low load).

9. SPECIFICATIONS

Feature	Detail
Model Name	Schneider OffGrid Portable Power Station PPS330
Battery Capacity	332Wh (LG Lithium-ion)
AC Output	2 x 120V, 300W (Pure Sine Wave)
USB-A Output	3 ports (5V/2.4A each)
USB-C Output/Input	1 port (PD 60W)
DC Car Port Output	1 port (12V/10A)
Wireless Charging	Yes (Qi-compatible)
Charging Inputs	AC Wall, Car, USB-C, Solar Panel (sold separately)
Dimensions (L x W x H)	8.8" x 6.4" x 6"
Weight	7.3 lbs
Material	Metal (Frame, Housing), Plastic/Rubber (Electrical Components), Lithium-Ion (Battery)
Operating Temperature	(Refer to Safety Guide for specific range)



Image: Diagram showing the dimensions of the Schneider OffGrid PPS330 power station: 8.8 inches length, 6.4 inches width, and 6 inches height, with a weight of 7.3 lbs.

10. WARRANTY AND SUPPORT

10.1 Warranty Information

The Schneider OffGrid PPS330 Portable Power Station is covered by a **2-Year Manufacturer's Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or natural disasters.

Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, warranty claims, or general inquiries, please contact Schneider Electric customer support. Refer to the contact information provided in your product packaging or visit the official Schneider Electric website for the most up-to-date support details.

Online Resources: [Schneider Electric OffGrid Product Page](#)