YKPOWER YP-150W

YKPOWER Portable Power Station YP-150W Instruction Manual

Introduction

The YKPOWER Portable Power Station YP-150W is a versatile and reliable power solution designed for various applications, from outdoor adventures to home emergency backup. Boasting a 133.2Wh capacity, it provides substantial power for extended use. Its compact and lightweight design, coupled with multiple output ports and fast-charging capabilities, ensures your devices remain powered and operational.

Key features include:

- **Extended Energy Reserve:** 133.2Wh capacity (36000mAh) for prolonged power supply.
- **Fast Charging:** Recharges from 0 to 80% in 2 hours via included adapter, with dual-way 65W PD/USB-C ports.
- **5 Output Ports:** Includes 1 DC, 1 AC, 2 USB, and 1 USB-C port for charging up to 5 devices simultaneously.
- **LED Bright Lights:** Built-in LED light with SOS mode for emergency and outdoor use.
- **Quiet Operation:** Operates at just 25dB, ensuring a calm environment.
- **Durable and Portable:** Crafted from high-quality aluminum alloy, weighing only 3.17 pounds, with an ergonomic handle.
- **Multiple Protection Mechanisms:** Integrated Battery Management System (BMS) protects against overheating, over-voltage, over-power, over-current, and short circuits.



Image: The YKPOWER Portable Power Station YP-150W, showcasing its compact design and multiple ports.

Your browser does not support the video tag.

Video: An overview of the YKPOWER 150W Portable Power Station, highlighting its features and uses for home and outdoor scenarios.

Setup

Initial Usage Instructions

1. Please fully discharge the power station by connecting a low-power appliance (such as a fan) to the AC port, allowing the device to run until it automatically shuts down.
2. After the battery is fully depleted, recharge the power station to 100% before commencing regular use.

Charging the Power Station

The YP-150W offers four methods for recharging:

- **Wall Outlet:** Use the included AC adapter.
- **PD Port:** Utilize the USB-C PD port for fast charging.
- **Car Charger:** Connect to your vehicle's 12V outlet (cable not included).
- **Solar Panel:** Connect a 50-100W solar panel (not included) for eco-friendly charging.



Image: Visual representation of the four charging methods: DC wall outlet, solar panel, car charger, and Type-C PD port.

Package Contents

Ensure all items are present in the package:

- 1 x YKPOWER Portable Power Station YP-150W
- 1 x AC Charger

- 1 x User Manual



Image: The YKPOWER Portable Power Station, AC charger, and user manual as included in the package.

Operating the Power Station

Powering On/Off and Display

Press the power button once to turn on the unit and view the battery life percentage on the digital display. The unit will automatically shut down after 4 minutes of inactivity to conserve energy.

Activating AC Output

To use the AC output port, long-press the power button until the green AC indicator light illuminates. This activates the AC power for your devices.

Using Output Ports

Connect your devices to the appropriate ports:

- **AC Output:** For standard electrical appliances (150W max).
- **DC Output:** For 12V DC devices.
- **USB Ports (x2):** For charging smartphones, tablets, and other USB-powered devices.
- **USB-C PD Port:** For fast charging compatible devices like laptops and modern smartphones.



Image: The YKPOWER Portable Power Station simultaneously charging multiple devices including laptops, phones, and a smartwatch.

LED Light Functionality

The power station features a built-in LED light with multiple modes:

- **White Light:** Double-click the light button to turn on the bright white light.

- **SOS Mode:** Click again to activate the SOS flashing mode for emergencies.
- **Turn Off:** Double-click the light button again to turn off the LED light.



Image: The YKPOWER Portable Power Station providing illumination with its LED light in a camping tent.

Your browser does not support the video tag.

Video: A demonstration of the YKPOWER Power Station's LED light and its use as a home backup.

Maintenance

Battery Care and Storage

To ensure the longevity and optimal performance of your YKPOWER Portable Power Station, follow these guidelines:

- If not used for a long time, recharge the power station every 3-6 months.
- Keep the battery level between 40% and 70% during storage.
- Avoid fully draining the battery whenever possible.
- Store the unit in a dry place at temperatures between 40°F–100°F (4°C–35°C).
- Keep away from heat sources and direct sunlight.

Troubleshooting

Common Issues and Solutions

- **Unit Not Turning On:** Ensure the power button is pressed firmly. Check if the battery is completely depleted and needs recharging.
- **Devices Not Charging:** Verify that the power station is turned on and the specific output port (e.g., AC output) is activated. Check the cables and ensure they are securely connected to both the power station and your device.
- **AC Output Not Working:** Ensure the AC output is activated by long-pressing the power button until the green AC indicator light is on. Confirm your device's power requirements do not exceed the 150W limit.
- **Battery Not Charging Past 50%:** Perform the initial usage instructions again: fully discharge the unit with a low-power AC appliance until it shuts down, then recharge to 100%. This can help recalibrate the battery management system.
- **Overheating:** The unit has built-in silent cooling fans. Ensure the fan vents are not obstructed. If overheating

persists, discontinue use and contact support.

Specifications

Feature	Detail
Brand	YKPOWER
Model Name	YP-150W
Wattage	150 kWh
Output Wattage	150 Watts
Fuel Type	Battery
Power Source	Battery Powered
Voltage	110 Volts
Product Dimensions	5"L x 7"W x 11"H
Item Weight	4.36 pounds
Material	Aluminum
Color	Black
Total Power Outlets	1 AC outlet (plus 4 USB ports)



Image: The internal lithium battery structure, highlighting 3000+ cycles and a Safer BMS System.

Warranty and Protection Plans

The YKPOWER Portable Power Station YP-150W comes with a **1-year manufacturer's warranty**.

Additionally, various protection plans may be available for purchase to extend coverage:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly plan covering multiple eligible purchases)

Please refer to the specific terms and conditions of any purchased protection plan for full details on coverage and claims.

Support

For further assistance, technical support, or warranty claims, please contact YKPOWER customer service. Refer to the contact information provided in your product packaging or visit the official YKPOWER website.

You can also visit the YKPOWER Store on Amazon for more product information and resources.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question