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ROCKPALS R-PS200

Rockpals Portable Power Station 200W User Manual

Model: R-PS200

1. Introduction

The Rockpals Portable Power Station 200W is a versatile and reliable power source designed for various applications, including outdoor adventures, emergency backup, and general portable power needs. This manual provides essential information on the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before using the power station.





The Rockpals Portable Power Station is suitable for both emergency backup power and various leisure activities such as fishing, picnics,

camping, and hiking.

2. Safety Instructions

To ensure safe operation and prolong the lifespan of your power station, observe the following safety precautions:

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or electric shock.
- Do not place the unit near fire or expose it to heat. Keep out of direct sunlight.
- Do not charge, use, or store the unit in a bathroom or an area exposed to water or moisture.
- Use only the provided charger and cables. Using unauthorized accessories may cause fire, explosion, or injury.
- Do not use the unit if it has been damaged or modified. Damaged batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- Keep the unit away from children and pets.
- Ensure proper ventilation during use and charging. Do not cover the unit.
- Avoid dropping, heavy impacts, or strong vibrations.
- Do not insert foreign objects into the ports or openings.
- Store the unit in a cool, dry place.



The power station features a built-in intelligent battery management system for comprehensive safety protection.

3. Package Contents

Verify that all items are included in your package:

- 1 x Rockpals Portable Power Station 200W
- 1 x AC Adapter
- 1 x Car Charger Cable
- 1 x User Manual



Included components with your Rockpals Portable Power Station.

4. Product Overview

The Rockpals Portable Power Station 200W is a compact and powerful device featuring multiple output ports and a clear display for monitoring. It is designed for portability and ease of use.

4.1. Physical Features



The Rockpals Portable Power Station 200W with its various input and output ports.



Dimensions of the Rockpals Portable Power Station 200W.

4.2. Multifunctional Outputs

The power station is equipped with a 224Wh (10.8V/20.8Ah) lithium-ion battery pack and offers diverse output options:

- **1 x AC Outlet:** 200W Rated, 300W Peak (Pure Sine Wave)
- **1 x USB-C PD Output:** 20V/1.5A, 30W max
- **1 x Car Port:** 12V/10A, 120W max
- **2 x DC Ports:** 12V/5A, 60W max
- **2 x USB-A Ports:** 5V/3.1A
- **1 x QC 3.0 USB Port**

These outputs allow you to power a wide range of devices, including phones, laptops, lights, fans, mini coolers, and more.



The power station can power up to 90% of common appliances.

5. Setup

Before first use, it is recommended to fully charge the power station.

5.1. Initial Charging

1. Connect the provided AC adapter to the DC input port on the power station.
2. Plug the AC adapter into a standard wall outlet.
3. The display will indicate charging status. A full charge typically takes 7-8 hours via wall outlet.

For faster charging, you can use both the AC adapter and a USB-C PD charger simultaneously. This dual input method can fully charge the unit in 4-5 hours.



The power station supports 60W dual input for faster recharging.

6. Operating Instructions

6.1. Turning On/Off

Press and hold the 'POWER' button to turn the unit on or off. The display will illuminate when the unit is active.

6.2. Using Output Ports

To activate specific output sections (AC, DC, USB), press the corresponding button next to the ports. The indicator light will turn on, signifying that the ports are active and ready to supply power.

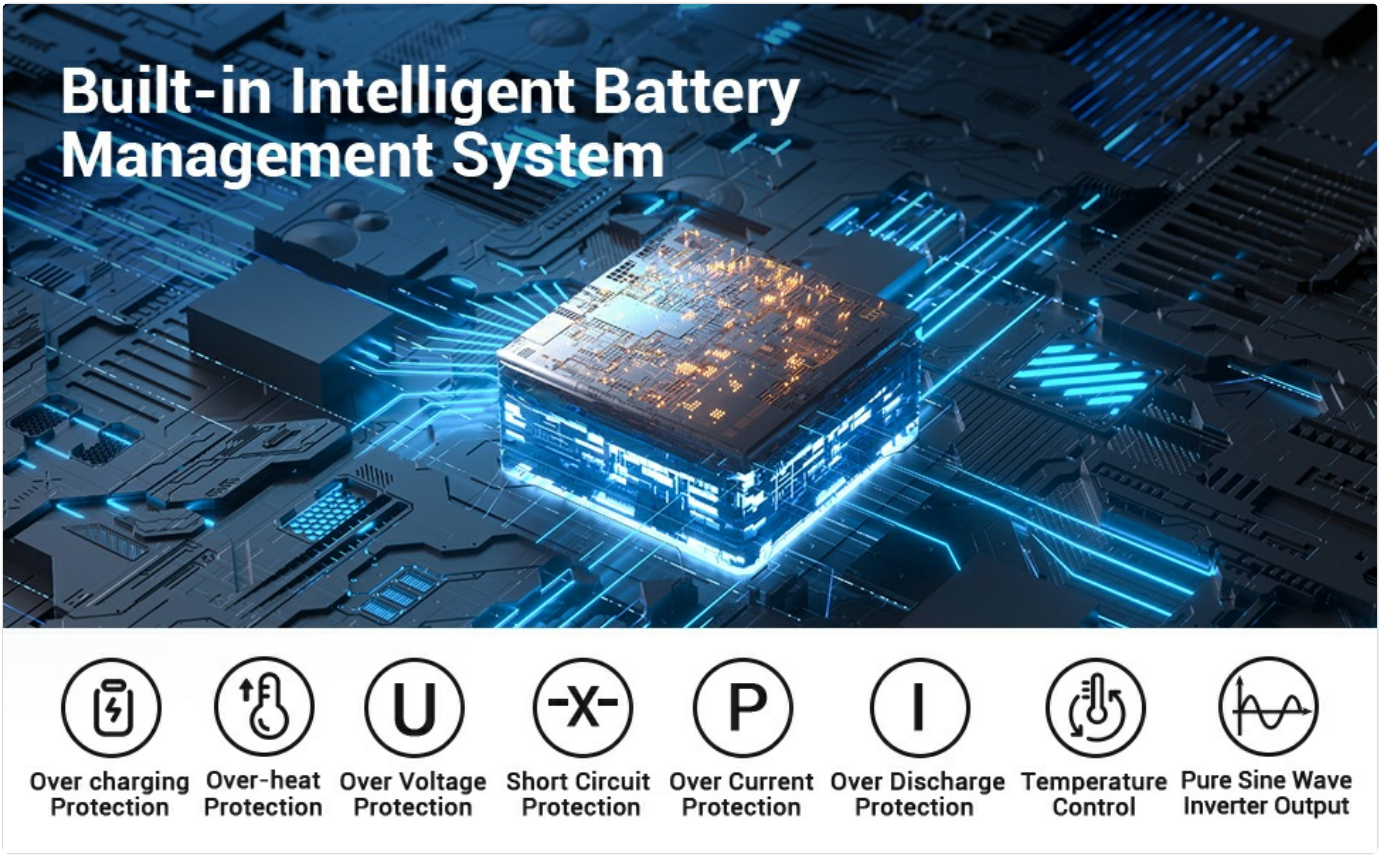
- **AC Output:** Ideal for devices requiring standard wall power (e.g., laptops, small appliances). The pure sine wave inverter ensures stable and clean power.
- **DC Output (Car Port & DC Ports):**Suitable for 12V devices (e.g., car refrigerators, portable air pumps).
- **USB Outputs (USB-A & USB-C PD):** For charging smartphones, tablets, cameras, and other USB-powered devices. The USB-C PD port offers fast charging for compatible devices.

6.3. Recharging Methods

Your Rockpals Portable Power Station can be recharged in five ways:

1. **Solar Panel:** Connect any compatible 60W or 100W solar panel (sold separately) to the DC input port. The built-in MPPT controller optimizes solar charging efficiency, making it up to 20% faster.
2. **Car Charger:** Recharge from your vehicle's 12V car outlet (7-8 hours).
3. **Wall Outlet:** Use the provided AC adapter (7-8 hours).
4. **USB-C PD:** Use a USB-C PD charger (9-10 hours).

5. **Wall Outlet + USB-C PD:** Combine AC adapter and USB-C PD for fastest charging (4-5 hours).



Multiple recharging options for convenience and flexibility.

7. Maintenance

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

- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Long-Term Storage:** If storing for extended periods (more than 3 months), charge the unit to 50-80% every 3 months to maintain battery health.
- **Cleaning:** Use a dry, soft 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.

8. 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 unit using the AC adapter.

Problem	Possible Cause	Solution
No output from AC/DC/USB ports	Output ports are not activated.	Press the corresponding output button to activate.
Overload protection activated	Connected device exceeds the power station's output limit.	Disconnect the device. Ensure total wattage of connected devices is within the power station's limits (200W rated, 300W peak).
Unit is overheating	Poor ventilation or high ambient temperature.	Move the unit to a cooler, well-ventilated area. Ensure vents are not blocked.

Note: This power station is not designed for high-power appliances. Avoid connecting devices such as hair dryers, microwave ovens, air fryers, or electric grills, as they will exceed the unit's capacity and trigger overload protection.



Devices that are not supported by this power station due to high power consumption.

9. Specifications

Feature	Specification
Brand	ROCKPALS
Model Name	Rockpower 200 (R-PS200)
Wattage	200 Watts (Rated), 300 Watts (Peak)
Fuel Type	Lithium-ion
Power Source	Battery Powered
Item Weight	7.05 Pounds (approx. 3.2 kg)
Voltage	110 Volts
Product Dimensions	9.1"L x 5.9"W x 5.5"H

Feature	Specification
Color	Red
Frequency	60 Hz
UPC	619793171493

10. Warranty and Support

ROCKPALS products are designed and manufactured to the highest quality standards. For warranty information, product support, or technical assistance, please refer to the warranty card included with your product or visit the official ROCKPALS website. Keep your purchase receipt as proof of purchase for warranty claims.
For further assistance, you may contact ROCKPALS customer service through their official channels.

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