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› CJP-Geek AC-DC Adapter for RP-PB054 RAVPower 20100mAh Portable Powerstation Power Supply User Manual

CJP-Geek CJP-Geek-PSA-20221025-CA227

CJP-Geek AC-DC Adapter for RP-PB054 RAVPower 20100mAh Portable Powerstation Power Supply User Manual

1. INTRODUCTION AND OVERVIEW

This manual provides instructions for the safe and efficient use of your CJP-Geek AC-DC Adapter, model CJP-Geek-PSA-20221025-CA227. This adapter is specifically designed to power and charge the RP-PB054 RAVPower 20100mAh Portable Powerstation.

Key features of this adapter include a wide input voltage range of 100-240V AC, ensuring compatibility with various power outlets worldwide. It is designed for portability and includes multiple safety protections to ensure reliable operation.

ADAPTER DETAILS



Copper interface
Stable output, firm connect



Image 1: The CJP-Geek AC-DC Adapter, showing the main power brick, detachable AC input cable, and DC output cable with connector.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- 1 x AC / DC Power Supply Charger (CJP-Geek AC-DC Adapter)

3. SETUP INSTRUCTIONS

1. **Verify Compatibility:** Ensure that the output specifications of this CJP-Geek AC-DC Adapter match the power input requirements of your RP-PB054 RAVPower 20100mAh Portable Powerstation. Refer to your power station's manual for specific input voltage and current requirements.
2. **Connect to Device:** Insert the DC output plug of the adapter firmly into the charging port of your RP-PB054 RAVPower 20100mAh Portable Powerstation.
3. **Connect to Power Outlet:** Plug the AC input cable into a standard 100-240V AC wall outlet.
4. **Confirm Charging:** Observe your power station's charging indicator to confirm that it has begun charging.

4. OPERATING INSTRUCTIONS

- The adapter is designed for continuous use when charging compatible devices.
- Always operate the adapter in a well-ventilated area to prevent excessive heat buildup.
- Do not cover the adapter with cloths or other materials during operation, as this can impede heat dissipation.
- Disconnect the adapter from the power outlet and your device when it is not in use for extended periods.

5. MAINTENANCE

- **Cleaning:** Keep the adapter clean and free from dust. Use a dry, soft cloth for cleaning. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use.
- **Cable Inspection:** Regularly inspect the power cables for any signs of damage, such as fraying, cuts, or exposed wires. If any damage is observed, discontinue use immediately and replace the adapter.
- **Environmental Conditions:** Avoid exposing the adapter to extreme temperatures, high humidity, or corrosive environments.

6. SAFETY INFORMATION

Important Safety Notice: Before connecting, always double-check that the adapter's output specifications (voltage and current) are compatible with your device's input requirements. Using an incompatible adapter can damage your device or the adapter itself.

This CJP-Geek AC-DC Adapter is CE certified and incorporates multiple protection features to ensure safe operation:

- **Short Circuit Protection:** Prevents damage from electrical shorts.
- **Over-Current Protection:** Safeguards against excessive current flow.
- **Over-Voltage Protection:** Protects against voltage surges.
- **Overload Protection:** Prevents damage from drawing too much power.
- **Over Charge Protection:** Helps prevent overcharging of connected devices.
- **Temperature Protection:** Monitors and regulates internal temperature.

General Safety Precautions:

- Do not disassemble or modify the adapter.
- Keep the adapter out of reach of children.
- For indoor use only. Do not expose to rain or moisture.
- Do not use the adapter if it has been dropped or damaged.



Image 2: Visual representation of the safety features, including overload, over voltage, over charge, over current, short circuit, and temperature protection.

7. TROUBLESHOOTING

- **Device Not Charging:**
 - Ensure the adapter is securely plugged into both the wall outlet and your device.
 - Check if the wall outlet is functional by plugging in another appliance.
 - Verify that the adapter's output specifications are correct for your device.
 - Inspect the adapter and cables for any visible damage.
- **Adapter Overheating:**
 - Ensure the adapter is in a well-ventilated area and not covered.
 - Disconnect the adapter and allow it to cool down before resuming use.
 - If overheating persists, discontinue use and contact customer support.
- **No Power Indicator on Device:**

- Confirm all connections are secure.
- Test with a different wall outlet.
- If possible, test the device with another compatible power source to rule out a device issue.

8. SPECIFICATIONS

Attribute	Specification
Model Number	CJP-Geek-PSA-20221025-CA227
Input Voltage	100-240V AC, 50/60Hz
Output	Refer to device requirements for RP-PB054 RAVPower 20100mAh Portable Powerstation
Product Dimensions (L x W x H)	5 x 3 x 8 inches
Item Weight	9 ounces
AC Cable Length	Approximately 47 inches (1.2 meters)
DC Cable Length	Approximately 47 inches (1.2 meters)
Total Cable Length (approx.)	7.87 feet (2.4 meters) including adapter body

SAFETY PRODUCTION



**Over load
protection**



**Over voltage
protection**



**Over charge
protection**



**Over current
protection**



**Short circuit
protection**



**Temperature
protection**

Image 3: Detailed view of the adapter's dimensions and features, including cable lengths and a 'Copper interface' for stable output.

9. WARRANTY AND SUPPORT

Warranty Information:

- 30 Days Money Back Guarantee
- 60 Days Free Exchange with Paid Return Label
- 2 Years Worry-Free Warranty

Customer Support:

For any product-related issues or inquiries, please contact CJP-Geek customer service. We are committed to assisting you in resolving any problems you may encounter. If the item is found to be defective within the 2-year warranty period, a replacement will be provided without the need to return the defective unit.