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› Kircuit AC/DC Adapter User Manual

Kircuit MarsVac S1 MarsVacS1 (Compatible Device)

Kircuit AC/DC Adapter User Manual

For Roanow Model MarsVac S1 Cordless Stick Vacuum Cleaner

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Kircuit AC/DC Adapter. This adapter is designed to provide power and charge the 22.2V 2200mAh 2.2Ah Lithium Li-ion Battery Pack found in the Roanow Model MarsVac S1 Cordless Stick Vacuum Cleaner. Please read this manual thoroughly before use and retain it for future reference.

Product Features:

- Input: 100V-240V AC, 50/60Hz, 0.3A
- Output: 22.2V DC
- Built-in Dynamic IC, Charger IC & Power fuse for rapid charging and overcharge protection.
- Connector Type: Barrel Plug



Image 1.1: The Kircuit AC/DC Adapter showing the main unit and its coiled power cord with a barrel plug connector.

2. SAFETY INSTRUCTIONS

To prevent injury or damage to the product, always observe the following safety precautions:

- Use the adapter only with compatible devices as specified (Roanow Model MarsVac S1).
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to open, modify, or repair the adapter. Refer servicing to qualified personnel.
- Ensure the power outlet voltage matches the adapter's input voltage (100V-240V AC).
- Unplug the adapter from the power outlet when not in use or during electrical storms.
- Keep the adapter and its cord away from heat sources and sharp edges.
- Do not operate the adapter if the cord or plug is damaged.

3. SETUP

Follow these steps to set up your AC/DC adapter:

1. **Inspect the Adapter:** Before first use, visually inspect the adapter and its cable for any signs of damage.
2. **Identify the Charging Port:** Locate the charging port on your Roanow Model MarsVac S1 Cordless Stick Vacuum Cleaner. This is typically a circular port designed for a barrel plug.
3. **Connect the Adapter to the Device:** Insert the barrel plug connector of the Kircuit adapter firmly into the charging port of your vacuum cleaner.
4. **Connect to Power Outlet:** Plug the AC input prongs of the adapter into a standard 100V-240V AC wall outlet.



Image 3.1: The Kircuit AC/DC Adapter connected to a power strip, demonstrating a typical setup for charging.
The vacuum cleaner's charging indicator (if available) should illuminate, indicating that charging has begun.

4. OPERATING

The Kircuit AC/DC Adapter is designed for straightforward operation:

- Once connected as described in the "Setup" section, the adapter will begin to supply power to your Roanow MarsVac S1 vacuum cleaner, either for direct operation or to charge its internal battery.
- The adapter features built-in protection mechanisms to prevent overcharging, ensuring the longevity of your device's battery.
- Monitor the charging indicator on your vacuum cleaner to determine the charging status. Refer to your vacuum cleaner's manual for specific charging times and indicator meanings.
- When the battery is fully charged, you may disconnect the adapter from both the wall outlet and the vacuum cleaner.



Image 4.1: The Kircuit AC/DC Adapter with its 6.5 ft cord fully extended, illustrating its reach during operation.

5. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your adapter:

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.
- **Cable Care:** Regularly check the power cord and connector for any signs of fraying, cuts, or bends. If damage is observed, discontinue use immediately.



Image 5.1: Two Kircuit AC/DC Adapters, highlighting their compact design for easy storage and handling.

6. TROUBLESHOOTING

If you encounter issues with your adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device not charging/powering on.	• Adapter not properly connected. • Power outlet not functioning. • Damaged adapter or cable. • Incompatible device.	• Ensure all connections are secure. • Test the outlet with another device. • Inspect adapter and cable for damage; discontinue use if damaged. • Verify the adapter is compatible with your device model (Roanow MarsVac S1).
Adapter feels warm during use.	Normal operation.	A slight warmth is normal. If it becomes excessively hot or emits smoke/odor, unplug immediately and discontinue use.
Slow charging.	Device usage during charging.	Avoid using the device while it is charging for optimal charging speed.

If the problem persists after attempting these solutions, please contact customer support.

7. SPECIFICATIONS

Product Name:

Kircuit AC/DC Adapter

Model (Compatible Device):

Roanow Model MarsVac S1 MarsVacS1

Input Voltage:

100V-240V AC

Input Frequency:

50/60Hz

Input Current:

0.3A

Output Voltage:

22.2V DC

Compatible Battery Capacity:

2200mAh (2.2Ah) Lithium Li-ion Battery Pack

Compatible Vacuum Cleaner Power:

400W (This refers to the vacuum cleaner's power, not the adapter's output power. The adapter's output power for charging a 2.2Ah battery at 22.2V is approximately 48.84W.)

Connector Type:

Barrel Plug

Color:

Black

Special Features:

Built-in Dynamic IC, Charger IC & Power fuse for rapid charging and overcharge protection.

Manufacturer:

Shenzhen Waweis Technology Co., Ltd

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your original purchase or contact the retailer/manufacturer directly. Kircuit products typically come with a standard warranty against manufacturing defects.

For technical assistance or inquiries, please visit the Kircuit official website or contact their customer service department.

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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