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onerbl 31V AC/DC Adapter

onerbl 31V AC/DC Adapter Instruction Manual

For Britech Premier Series BR-SV-1-NW, BRSV-1-WB, BR-SV1-BKR Cordless Stick Vacuum Cleaners

1. Introduction

This manual provides essential instructions for the safe and effective use of your onerbl 31V AC/DC Adapter. This power supply is designed to be compatible with Britech Premier Series cordless stick vacuum cleaners, specifically models BR-SV-1-NW, BRSV-1-WB, and BR-SV1-BKR, which utilize a 25.2V 2000mAh Li-ion battery.
Please read this manual thoroughly before using the adapter and retain it for future reference.



Image 1.1: The onerbl 31V AC/DC Adapter, featuring a black casing and a coiled power cord with a barrel connector.

2. Safety Information

To ensure safe operation and prevent damage, observe the following safety precautions:

- **Indoor Use Only:** This adapter is designed for indoor use in dry locations. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the wall outlet voltage matches the adapter's input specifications (AC 100-240V).
- **Avoid Overloading:** Do not connect devices that exceed the adapter's output capacity.
- **Cable Care:** Do not place heavy objects on the power cord, or expose it to sharp edges or heat. Always grasp the plug, not the cord, when disconnecting.
- **Ventilation:** Ensure adequate ventilation around the adapter during use to prevent overheating.
- **Damage Inspection:** Do not use the adapter if the cord, plug, or casing is damaged. Contact support for replacement.
- **Children and Pets:** Keep the adapter out of reach of children and pets.

This adapter incorporates multiple protection features for enhanced safety:

- **Over Voltage Protection:** Safeguards against excessive voltage input.
- **Over Heat Protection:** Prevents damage from high operating temperatures.
- **Short-Circuit Protection:** Protects against electrical shorts.
- **Over-Current Protection:** Manages current flow to prevent overload.



Image 2.1: Visual representation of the adapter's smart chip technology, highlighting short-circuit, over-voltage, and over-current protection features.

3. Specifications

Feature	Specification
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	31V
Compatibility	Britech Premier Series BR-SV-1-NW, BRSV-1-WB, BR-SV1-BKR (25.2V 2000mAh Li-ion Battery, 250W Cordless Stick Vacuum Cleaner)
Cable Length	Approximately 76 inches (6.3 feet)
Plug Format	Type A (US Standard)
Color	Black
Protection Features	Over Voltage Protection, Over Heat Protection, Short-Circuit Protection, Over-Current Protection

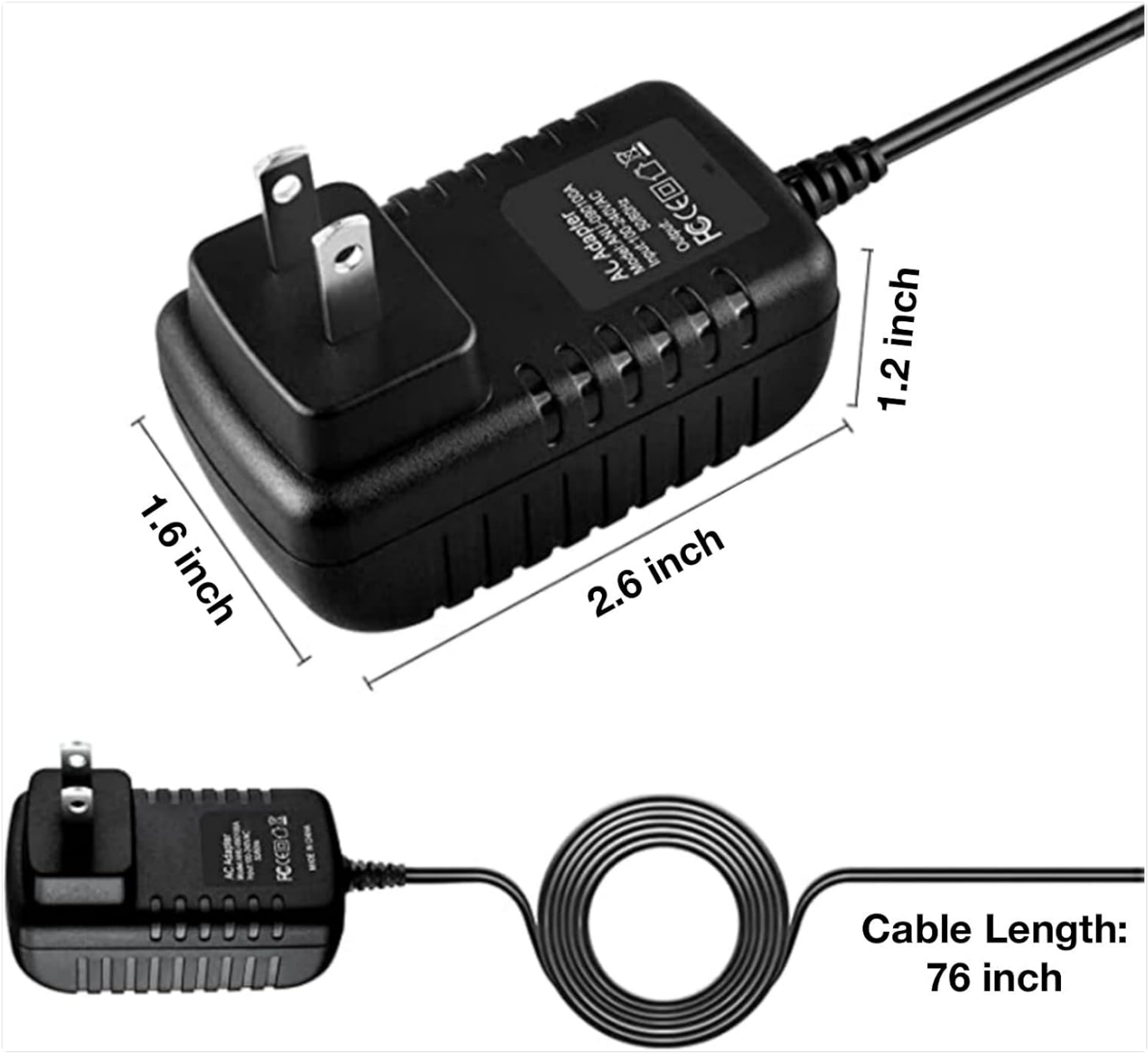


Image 3.1: Physical dimensions of the adapter (2.6 inches length, 1.6 inches width, 1.2 inches height) and the cable length (76 inches).



Image 3.2: Illustration of the durable design, featuring copper wire conductors and a PVC jacket for the cable.

4. Setup

Follow these steps to set up your onerbl 31V AC/DC Adapter:

1. **Verify Compatibility:** Ensure your Britech Premier Series vacuum cleaner model (BR-SV-1-NW, BRSV-1-WB, or BR-SV1-BKR) is compatible with this 31V adapter.
2. **Connect to Vacuum:** Insert the barrel connector of the adapter's output cable firmly into the charging port of your vacuum cleaner.
3. **Connect to Power Outlet:** Plug the AC input plug of the adapter into a standard AC 100-240V wall outlet.
4. **Secure Placement:** Place the adapter in a location where it is not obstructed, allowing for proper ventilation.



Image 4.1: The adapter connected to a power strip, demonstrating a typical setup scenario.

5. Operating Instructions

Once properly connected, the adapter will begin to supply power to your vacuum cleaner. For charging the vacuum's battery:

1. Ensure the vacuum cleaner is turned off before connecting the adapter for charging.
2. Connect the adapter as described in the Setup section.
3. The vacuum cleaner's charging indicator (if present) should illuminate, indicating that charging is in progress. Refer to your vacuum cleaner's manual for specific charging indicator behavior.
4. Disconnect the adapter from the wall outlet and then from the vacuum cleaner once charging is complete or when the vacuum is ready for use.

6. Maintenance

Proper maintenance ensures the longevity and performance of your adapter:

- **Cleaning:** Disconnect the adapter from the power source and the vacuum cleaner 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 moisture. Avoid tightly coiling the cable to prevent damage.
- **Regular Inspection:** Periodically inspect the adapter and cable for any signs of wear, cuts, or damage. If damage is found, discontinue use immediately.

7. Troubleshooting

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

- **Adapter Not Supplying Power:**
  - Ensure the adapter is securely plugged into a working wall outlet.
  - Verify the barrel connector is fully inserted into the vacuum cleaner's charging port.
  - Check if the wall outlet is functional by plugging in another device.
  - Inspect the adapter cable and connectors for any visible damage.
- **Vacuum Cleaner Not Charging:**
  - Confirm that the vacuum cleaner is compatible with a 31V power supply.
  - Refer to your vacuum cleaner's manual for specific charging instructions and troubleshooting related to the vacuum itself.
  - Ensure the vacuum's battery is not completely depleted or faulty.
- **Adapter Overheating:**
  - Disconnect the adapter immediately.
  - Ensure it is placed in a well-ventilated area, away from heat sources.
  - If overheating persists, discontinue use and contact support.

If these steps do not resolve the issue, please contact customer support.

8. Warranty and Support

This onerbl 31V AC/DC Adapter comes with a standard manufacturer's warranty. Please refer to the product packaging or your purchase documentation for specific warranty terms and duration.
For technical support, warranty claims, or any questions regarding your adapter, please contact the seller or manufacturer through the platform where the product was purchased.
Manufacturer: Shenzhen Waweis Technology Co., Ltd

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