onerbl 31V AC/DC Adapter

onerbl 31V AC/DC Adapter User Manual

For Britech Premier Series 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 operate your compatible Britech Premier Series cordless stick vacuum cleaner or charge its battery from standard electrical power outlets. It converts AC power from the wall into the DC power required by your device. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

- **Indoor Use Only:** This adapter is designed for indoor use in dry locations. Do not expose to rain, moisture, or extreme temperatures.
- **Proper Ventilation:** Ensure the adapter has adequate ventilation during use. Do not cover it or place it in an enclosed space that could restrict airflow.
- **Avoid Liquids:** Keep the adapter away from water and other liquids. If the adapter comes into contact with liquid, immediately unplug it from the power outlet.
- **Correct Voltage:** Only connect the adapter to power outlets providing the specified input voltage (120 Volts AC).
- **Cable Care:** Do not pull on the power cord to disconnect the adapter. Always grasp the plug firmly. Avoid placing heavy objects on the cord or kinking it.
- **Damage Inspection:** Before each use, inspect the adapter and cable for any signs of damage. Do not use if damaged.
- **Short Circuit Protection:** This adapter features built-in short circuit protection for enhanced safety.
- **Children and Pets:** Keep the adapter out of reach of children and pets.

3. Product Overview

The onerbl 31V AC/DC Adapter is a reliable power supply designed for specific Britech Premier Series cordless stick vacuum cleaners. It provides the necessary power for charging and operation.



Figure 3.1: The onerbl 31V AC/DC Adapter, showing the main unit with the US plug and the DC barrel connector on a coiled cable.



Figure 3.2: Front and side views of the adapter unit, highlighting its compact design and ventilation slots.

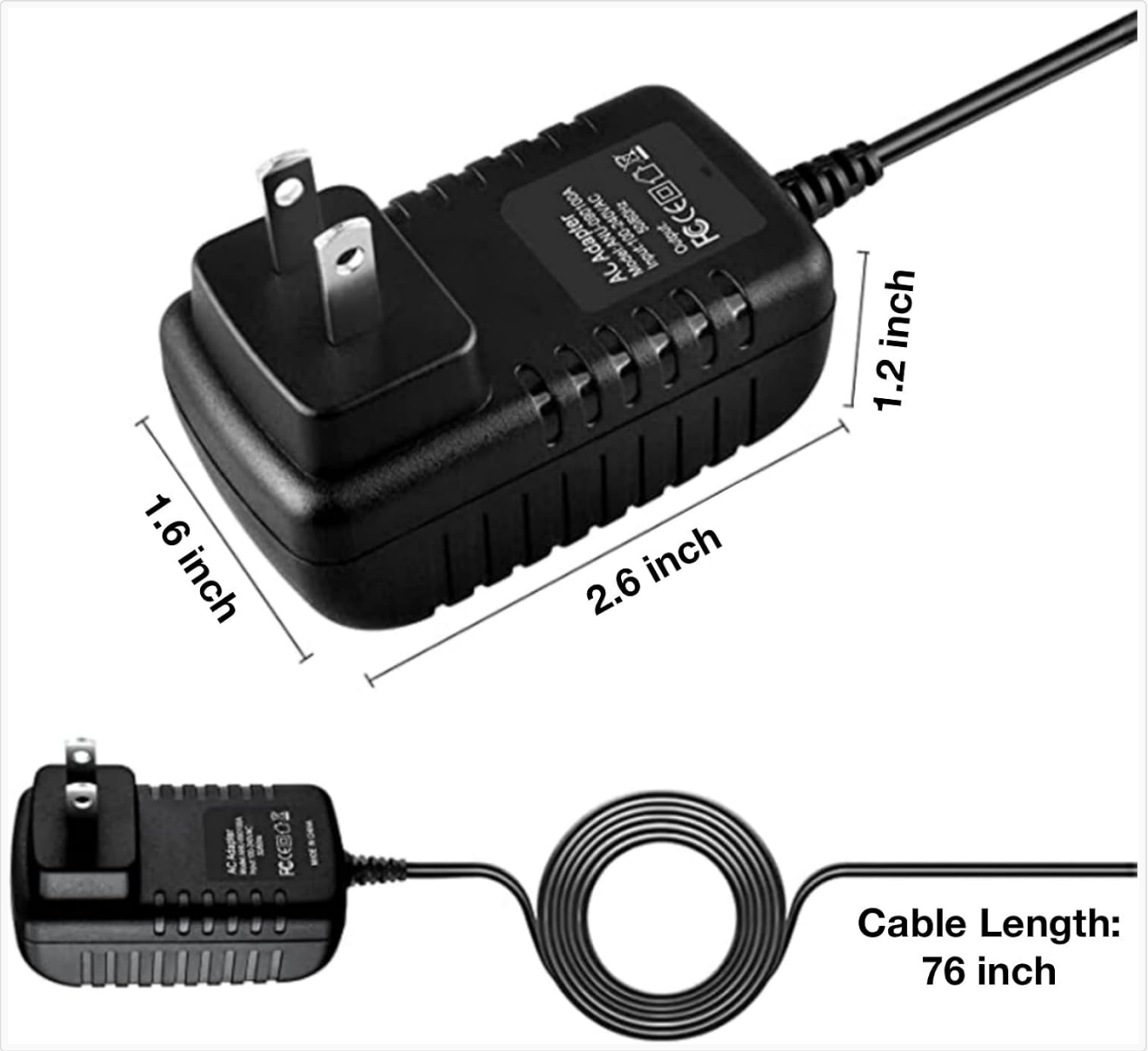


Figure 3.3: Diagram illustrating the physical dimensions of the adapter (2.6 inches length, 1.6 inches width, 1.2 inches height) and the cable length (76 inches).

Compatible Devices:

This adapter is compatible with the following Britech Premier Series Cordless Stick Vacuum Cleaner models:

- BR-SV-1-NW
- BRSV-1-WB
- BR-SV1-BKR
- BR-SV-1-WS

It is designed for vacuum cleaners requiring a 25.2V 2000mAh Li-ion battery and a 31V 500mA charging output.

4. Setup

1. **Verify Compatibility:** Before connecting, ensure your Britech Premier Series vacuum cleaner model is listed as compatible in Section 3.
2. **Connect to Vacuum:** Insert the barrel connector of the adapter firmly into the charging port of your Britech Premier Series cordless stick vacuum cleaner.
3. **Connect to Power Outlet:** Plug the AC adapter into a standard 120V AC electrical wall outlet.



Figure 4.1: The onerbl AC/DC adapter plugged into a power strip, demonstrating a typical connection scenario.

5. Operating Instructions

Once properly connected, the adapter will begin supplying power to your vacuum cleaner. If the vacuum cleaner is off, it will typically begin charging its battery. Refer to your vacuum cleaner's manual for specific charging indicators (e.g., LED lights).

Important Note on Batteries: Rechargeable batteries have a finite lifespan, typically lasting 1 to 3 years. If your vacuum cleaner's battery is old or depleted, it may no longer accept a charge, which is a battery issue, not a charger malfunction. If you suspect a battery issue, consult your vacuum cleaner's manufacturer or a qualified technician.

6. Maintenance

- **Cleaning:** Disconnect the adapter from both the power outlet and the vacuum cleaner before cleaning. Wipe the adapter with a dry, soft cloth. 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.

- **Inspection:** Periodically inspect the adapter and its cable for any signs of wear, cuts, or damage.

7. Troubleshooting

- **No Power/Charging:**
  - Ensure the adapter is securely plugged into both the wall outlet and the vacuum cleaner.
  - Try plugging the adapter into a different wall outlet to rule out a faulty outlet.
  - Verify that the vacuum cleaner's battery is not at the end of its lifespan. An old or dead battery will not accept a charge, even from a functional adapter.
  - If you have a voltmeter, you can test the adapter's output voltage to confirm it is working correctly.
- **Adapter Overheating:** Disconnect the adapter immediately. Ensure it is in a well-ventilated area and not covered. If overheating persists, discontinue use and contact support.
- **Physical Damage:** If the adapter or cable is physically damaged, discontinue use immediately to prevent electrical hazards.

8. Specifications

Feature	Description
Brand	onerbl
Manufacturer	Shenzhen Waweis Technology Co., Ltd
Input Voltage	120 Volts (AC)
Output Voltage / Current	31V DC / 500mA
Connector Type	Barrel Connector
Special Feature	Short Circuit Protection
Color	Black
Compatible Devices	Britech Premier Series BR-SV-1-NW, BRSV-1-WB, BR-SV1-BKR, BR-SV-1-WS 25.2V 2000mAh Li-ion 250W Cordless Stick Vacuum Cleaner

9. Warranty and Support

For warranty information or technical support regarding your onerbl 31V AC/DC Adapter, please contact the manufacturer, Shenzhen Waweis Technology Co., Ltd, or the retailer from whom the product was purchased. Please have your product model and purchase date available when contacting support.

© 2024 onerbl. All rights reserved.