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onerbl 31V AC/DC Adapter

onerbl 31V AC/DC Adapter User Manual for Laresar Elite Series Cordless Stick Vacuum Cleaners

Model: 31V AC/DC Adapter

1. Introduction

This manual provides essential information for the safe and effective use of your onerbl 31V AC/DC Adapter. This adapter is specifically designed to be compatible with Laresar Model Elite 1, 3, 4, 5 Pro, Elite1, Elite3, Elite4, Elite5, and ElitePro 25.9V Li-ion Battery Cordless Stick Vacuum Cleaners. Please read this manual thoroughly before use and retain it for future reference.

2. Important Safety Information

WARNING: This adapter is designed for direct charging of the vacuum cleaner. It WILL NOT fit or function with the vacuum's dock charging station.

- Ensure the input voltage of the adapter (100-240VAC, 50/60Hz) matches your local power supply.
- The adapter features multiple protection mechanisms:
  - **OVP (Over Voltage Output Protection):** Protects against excessive output voltage.
  - **OCP (Over Current Output Protection):** Guards against excessive output current.
  - **SCP (Short Circuit Output Protection):** Prevents damage from short circuits.
- Do not expose the adapter to water or moisture.
- Do not disassemble or attempt to repair the adapter. Contact qualified personnel for service.
- Keep the adapter away from heat sources and direct sunlight.
- Always unplug the adapter from the power outlet when not in use or before cleaning.



Image: Illustration of the adapter's smart chip providing multiple safety protections, including short-circuit, over-voltage, and over-current protection.

3. Product Overview

The onerbl 31V AC/DC Adapter is a reliable power supply designed for specific Laresar cordless stick vacuum cleaners. It converts standard AC wall power to the required 31V DC for charging your vacuum's 25.9V Li-ion battery.



Image: Front view of the onerbl 31V AC/DC Adapter, showing the main unit with the US plug and the DC output cable with its connector.



Image: Two views of the onerbl 31V AC/DC Adapter, showing the front with input specifications and a side profile, highlighting its compact design.

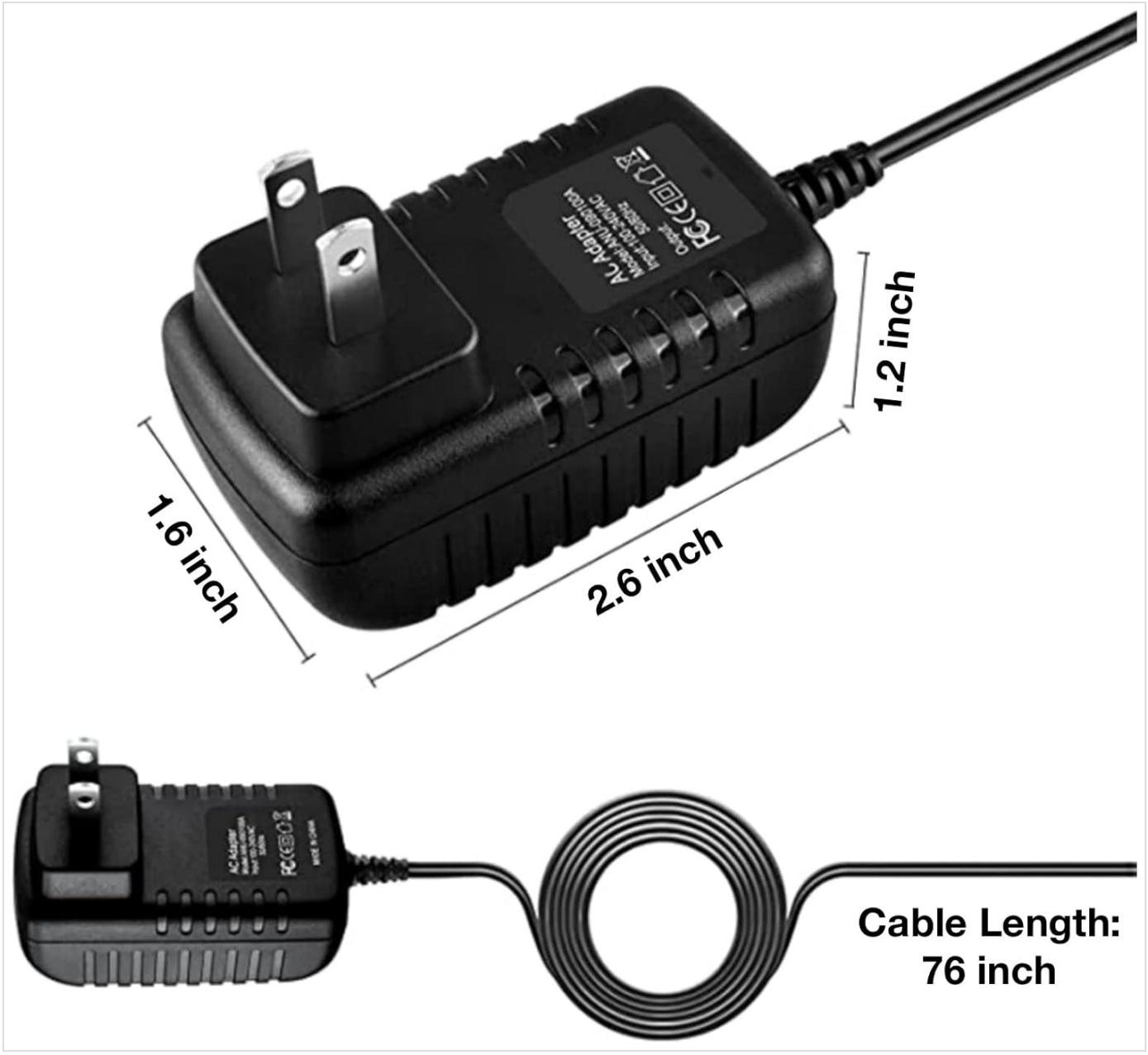


Image: Diagram illustrating the physical dimensions of the adapter (approximately 2.6 inches long, 1.6 inches wide, 1.2 inches thick) and the cable length (76 inches).

4. Setup and Connection

1. **Verify Compatibility:** Ensure your Laresar cordless stick vacuum cleaner model is listed as compatible (Elite 1, 3, 4, 5 Pro, Elite1, Elite3, Elite4, Elite5, ElitePro) and requires a 31V DC input.
2. **Locate Charging Port:** Identify the direct charging port on your Laresar vacuum cleaner. Remember, this adapter is not for dock charging stations.
3. **Connect Adapter to Vacuum:** Insert the DC output connector of the onerbl adapter firmly into the charging port of your vacuum cleaner.
4. **Plug into Power Outlet:** Insert the AC plug of the adapter into a standard 100-240V AC wall outlet.



Image: The onerbl 31V AC/DC Adapter plugged into a power strip, demonstrating a typical setup for charging.

5. Operating Instructions

Once connected as described in the "Setup and Connection" section, the adapter will begin charging your Laresar vacuum cleaner's battery. The charging indicator on your vacuum cleaner (if present) will typically illuminate or change color to indicate charging status. Refer to your vacuum cleaner's manual for specific charging indicators.

- Allow the vacuum's battery to fully charge for optimal performance and battery longevity.
- Unplug the adapter from the wall outlet and the vacuum cleaner once charging is complete or when the vacuum is not in use.

6. Maintenance

- **Cleaning:** Disconnect the adapter from both the power outlet and the vacuum cleaner before cleaning. Wipe the adapter with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.

- **Storage:** 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 cable for any signs of damage, such as cuts, fraying, or bent pins. If damage is found, discontinue use and replace the adapter.



Image: Illustration highlighting the durable design of the adapter's cable, featuring copper wire conductors and a protective PVC jacket for longevity.

7. Troubleshooting

Problem	Possible Cause	Solution
Vacuum not charging.	• Adapter not properly connected. • Power outlet is not active. • Adapter is incompatible with the vacuum's dock. • Damaged adapter or cable. • Vacuum cleaner battery issue.	• Ensure both ends of the adapter are securely connected. • Test the power outlet with another device. • Confirm you are using direct charging, not a dock. • Inspect adapter and cable for damage. Replace if damaged. • Consult your vacuum cleaner's manual or manufacturer for battery troubleshooting.
Slow charging.	• Using an incorrect or low-power adapter (not applicable here if this is the correct adapter). • Vacuum cleaner battery degradation.	• Ensure this specific 31V 500mA adapter is being used. • Battery performance can decrease over time. Consult your vacuum cleaner's manual or manufacturer.

Problem	Possible Cause	Solution
Adapter feels hot during charging.	• Normal operation for power conversion. • Poor ventilation.	• A slight warmth is normal. • Ensure the adapter is in a well-ventilated area and not covered. If it becomes excessively hot, unplug immediately and contact support.

8. Specifications

Feature	Detail
Brand	onerbl
Input Voltage	AC 100-240V, 50/60Hz (Worldwide Compatible)
Output Voltage	31V DC
Output Current	0.5 Amps (500mA)
Wattage	15.5 Watts (Calculated from 31V * 0.5A)
Cable Length	76 inches (approximately 6.3 feet)
Connector Type	2 Pin (DC Barrel Connector)
Protection Features	OVP, OCP, SCP (Over Voltage, Over Current, Short Circuit Protection)
Dimensions (Adapter Unit)	Approx. 2.6 x 1.6 x 1.2 inches (L x W x H)
Item Weight	3.52 ounces
Compatible Devices	Laresar Model Elite 1, 3, 4, 5 Pro, Elite1, Elite3, Elite4, Elite5, ElitePro 25.9V Li-ion Battery Cordless Stick Vacuum Cleaners

9. Warranty and Support

For any questions, technical assistance, or warranty inquiries regarding your onerbl 31V AC/DC Adapter, please contact the seller or manufacturer directly through your purchase platform. Please have your order details and product model information ready when contacting support.

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