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UPBRIGHT JASTIP Model V15 V15AB Power Supply

User Manual: UpBright AC/DC Adapter

Model: JASTIP Model V15 V15AB Power Supply

1. Introduction

This manual provides essential information for the safe and effective use of your UpBright AC/DC Adapter. This adapter is designed to provide power to compatible JASTIP Model V15 and V15AB cordless stick vacuum cleaners, which utilize a 29.6V 2500mAh Li-ion battery.
Please read this manual thoroughly before using the product and retain it for future reference.

2. Important Safety Instructions

WARNING: To reduce the risk of fire, electric shock, or injury, observe the following safety precautions:

- Use this adapter only with the specified JASTIP Model V15 and V15AB vacuum cleaners. Using it with incompatible devices may cause damage or injury.
- Ensure the adapter's input voltage (100-240VAC) matches your local power supply.
- Do not expose the adapter to rain, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not disassemble, modify, or attempt to repair the adapter. Refer all servicing to qualified personnel.
- 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.
- Do not handle the adapter or its cord with wet hands.
- Inspect the adapter and cord for any damage before each use. Do not use if damaged.



Figure 1: Front view of the UpBright AC/DC Adapter. This image shows the adapter's label with input/output specifications and safety certifications, along with the attached power cord and barrel connector.

3. Product Overview

The UpBright AC/DC Adapter is a Class 2 switching power supply designed for efficient and safe charging of your

compatible JASTIP cordless stick vacuum cleaner.

3.1 Components

- **Adapter Unit:** The main body containing the power conversion circuitry.
- **AC Plug:** For connecting to a wall outlet.
- **DC Output Cable:** Connects the adapter to the vacuum cleaner's charging port.
- **Barrel Round Connector:** The specific connector type for the JASTIP vacuum.



Figure 2: Side view of the UpBright AC/DC Adapter, illustrating the compact design and the attached DC output cable with its barrel connector.



Figure 3: The UpBright AC/DC Adapter connected to a power strip, highlighting the robust construction of the premium cable with inner insulators and a coarsening core for durability and safety.

4. Setup and Connection

Follow these steps to properly connect your UpBright AC/DC Adapter to your JASTIP cordless stick vacuum cleaner:

1. **Verify Compatibility:** Ensure your vacuum cleaner is a JASTIP Model V15 or V15AB. This adapter is specifically designed for these models.
2. **Connect to Vacuum:** Locate the charging port on your JASTIP vacuum cleaner. Insert the barrel round connector of the adapter's DC output cable firmly into the charging port.
3. **Connect to Power Outlet:** Plug the AC plug of the adapter into a standard wall power outlet (100-240VAC).
4. **Charging Indication:** Refer to your JASTIP vacuum cleaner's user manual for specific charging indicators (e.g., LED lights) to confirm that charging has begun.



Figure 4: An illustration demonstrating the compatibility of the UpBright AC/DC Adapter with the JASTIP V15/V15AB cordless stick vacuum cleaner, showing the vacuum's display and various attachments (vacuum cleaner not included).

5. Operating Instructions

Once connected, the adapter will supply power to charge the Li-ion battery of your JASTIP vacuum cleaner. The adapter features built-in protection mechanisms:

- **OVP (Over Voltage output Protection):** Protects against excessive output voltage.
- **OCP (Over Current output Protection):** Safeguards against excessive output current.
- **SCP (Short Circuit output Protection):** Prevents damage from short circuits.

The charging process is managed by the vacuum cleaner's internal battery management system. Always refer to your vacuum cleaner's manual for optimal charging practices and battery care.
Note: The 29.6V rating refers to the vacuum's battery voltage, not the charger's voltage. The charger provides the appropriate voltage and current for safe charging.
Important: Rechargeable batteries have a finite lifespan, typically 1 to 3 years. If your vacuum's battery is old or faulty, it may not accept a charge, which is a battery issue, not an adapter malfunction.

6. Care and Maintenance

- **Cleaning:** Disconnect the adapter from 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 when not in use. Avoid wrapping the cable too tightly around the adapter to prevent damage to the cord.
- **Inspection:** Periodically inspect the adapter, cable, and connector for any signs of wear, cuts, or damage. If damage is observed, discontinue use and replace the adapter.

7. Troubleshooting

If you experience issues with your UpBright AC/DC Adapter, please refer to the following common solutions:

Problem	Possible Cause	Solution
Vacuum cleaner not charging.	• Adapter not properly connected. • Power outlet is not active. • Vacuum cleaner's battery is faulty or at end of life. • Adapter is damaged.	• Ensure both ends of the adapter are securely plugged in. • Test the power outlet with another device. • Consult your vacuum cleaner's manual or consider battery replacement if it's old. • Inspect adapter for damage; replace if necessary.
Adapter feels unusually hot.	• Normal operation (slight warmth is expected). • Poor ventilation. • Overload or internal fault.	• Ensure adequate airflow around the adapter. • Disconnect immediately if excessively hot and contact support.
Loose connection.	• Connector not fully inserted. • Damaged connector or port.	• Push the connector firmly into the vacuum's charging port. • Inspect connector and port for damage.

8. Product Specifications

Model: JASTIP Model V15 V15AB Power Supply

Brand: UPBRIGHT

Input Voltage: 100-240VAC, 50/60Hz

Output Voltage: 29.6VDC

Output Current: 2.5A

Output Wattage: 74W (29.6V * 2.5A)

Protection Features: OVP (Over Voltage output Protection), OCP (Over Current output Protection), SCP (Short Circuit output Protection)

Connector Type: Barrel Round Connector

Product Dimensions: 4 x 3 x 2 inches

Item Weight: 4.6 ounces

Color: Black

Included Components: AC/DC Adapter



Figure 5: A clear view of the UpBright AC/DC Adapter, showcasing the main unit, the attached power cord, and the barrel round connector, ready for use.

9. Warranty and Support

Your UpBright AC/DC Adapter is covered by the following warranty:

- **Refund Policy:** 30 days refund from the date of purchase.
- **Exchange Policy:** 24 months exchange for defective units.

For warranty claims or technical support, please contact your retailer or the UpBright customer service. Please have your purchase details and product model information ready.

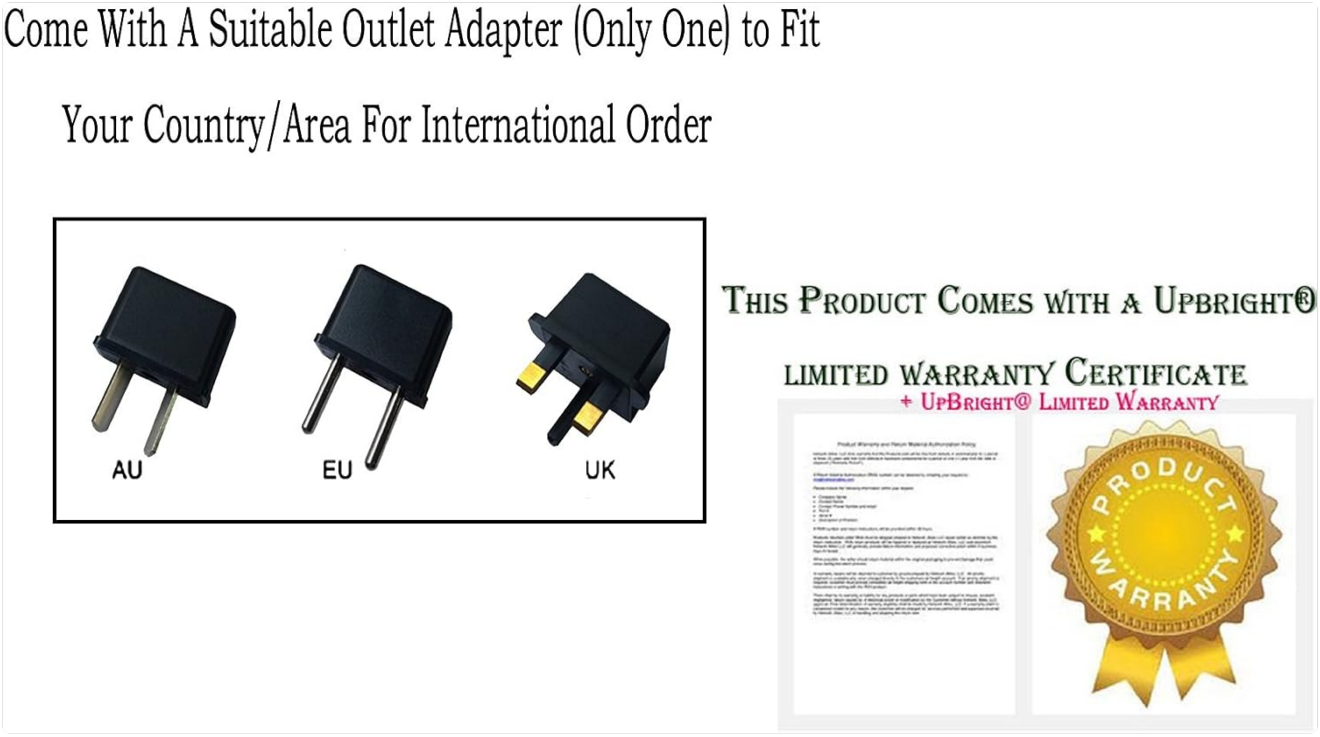


Figure 6: An image displaying a sample UpBright Limited Warranty Certificate, alongside various international plug adapters (AU, EU, UK) that may be included with international orders to ensure compatibility with local power outlets.

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