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UPBRIGHT DieHard 1150 28.71988 17VDC 1Amp Power

UpBright 17V AC/DC Adapter User Manual

For DieHard 1150 and 950 Portable Power Jump Starters

Introduction

This manual provides essential instructions for the safe and effective use of your UpBright 17V AC/DC Adapter. This adapter is designed to provide power and charge compatible DieHard Portable Power Jump Starters, including models 1150 and 950. Please read this manual thoroughly before use to ensure proper operation and to prevent damage to the adapter or your jump starter.

Setup

1. **Verify Compatibility:** Before connecting, ensure your DieHard Portable Power Jump Starter requires a 17V DC input and uses a barrel round plug tip. This adapter is specifically designed for models like DieHard 1150 (28.71988) and DieHard 950 (200.71987).
2. **Inspect the Adapter:** Check the AC/DC adapter and its cable for any signs of damage, such as frayed wires or cracked casing. Do not use if damaged.
3. **Connect to Jump Starter:** Insert the barrel round plug tip of the adapter firmly into the DC input port on your DieHard Portable Power Jump Starter. Ensure a secure connection.
4. **Connect to Power Outlet:** Plug the AC end of the adapter into a standard 100-240VAC 50/60Hz wall outlet.



Image: The UpBright AC/DC Adapter's barrel connector inserted into the DC input port of a DieHard Portable Power Jump Starter. The image shows various DieHard jump starter models with the charging port highlighted.



Image: A close-up view of the barrel round plug tip, which connects to the jump starter's DC input.

Operating Instructions

Once connected, the adapter will begin to supply power to your DieHard Portable Power Jump Starter. The jump starter's indicator lights or display (if equipped) will show the charging status. The UpBright adapter features built-in safety protections:

- **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.

Allow the jump starter to charge until its battery indicator shows a full charge, as per the jump starter's own manual. Disconnect the adapter from the wall outlet and then from the jump starter once charging is complete.



Image: The UpBright 17V AC/DC Adapter unit, showing its input and output specifications.

Maintenance

- **Cleaning:** Keep the adapter clean and free from dust. Use a dry, soft cloth to wipe the surface. Do not use liquid cleaners.
- **Storage:** Store the adapter in a cool, dry place when not in use. Avoid extreme temperatures and humidity.
- **Cable Care:** Do not bend or crimp the power cord excessively. Avoid placing heavy objects on the cord.
- **Battery Lifespan:** Note that rechargeable batteries, including those in jump starters, have a limited lifespan, typically 1 to 3 years. An old or faulty battery may not accept a charge, which is not an issue with the charger itself.

Troubleshooting

Problem	Possible Cause	Solution
Jump starter not charging	• Loose connection • Wall outlet not active • Jump starter battery is old/faulty • Incorrect adapter used	• Ensure adapter is securely plugged into both the jump starter and the wall outlet. • Test the wall outlet with another device. • Consult your jump starter's manual or a professional to assess battery health. • Verify the adapter's specifications (17V DC, barrel plug) match your jump starter's requirements.
Adapter feels hot	• Normal operation (slight warmth) • Overload or fault	• A slight warmth is normal during operation. • If excessively hot, disconnect immediately. Check for short circuits in the jump starter or cable damage. Do not use if overheating persists.

Specifications

- **Brand:** UPBRIGHT
- **Model Number:** DieHard 1150 28.71988 17VDC 1Amp Power (Compatible with RK-1701000, 93026737, 200.71987)
- **Input Voltage:** 100-240VAC, 50/60Hz
- **Output Voltage:** 17V DC
- **Output Current:** 1A (1000mA) - 1.2A
- **Wattage:** 17W
- **Connector Type:** Barrel Round Plug Tip
- **Safety Features:** OVP, OCP, SCP Protection
- **Certification:** CECCCROHS
- **Power Source:** Corded Electric

Warranty Information

This UpBright product comes with a warranty to ensure your satisfaction:

- **Refund Period:** 30 Days

- **Exchange Period:** 24 Months

Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty certificate included with your product or contact UpBright customer support.

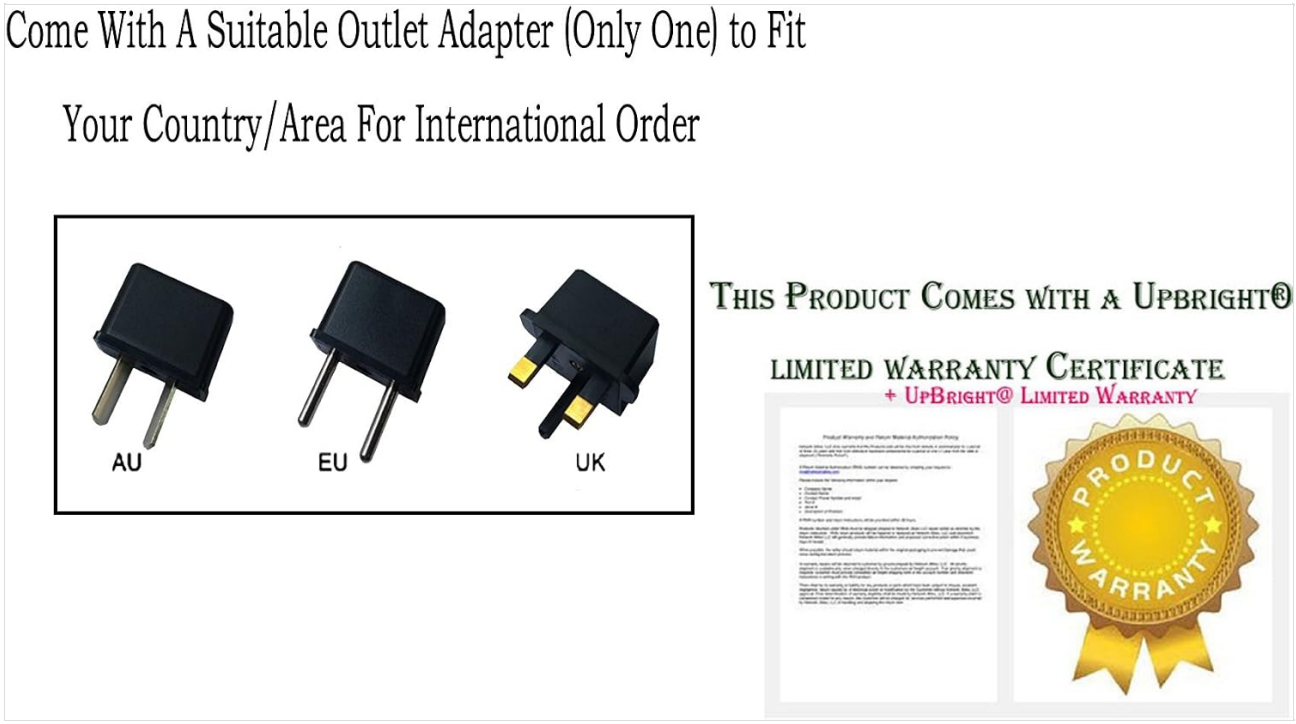

Image: An example of the UpBright Limited Warranty Certificate, alongside images of various international outlet adapters (AU, EU, UK).

Support

For further assistance, technical support, or warranty claims, please contact UpBright customer service. You may also refer to the official product page on Amazon for additional resources and frequently asked questions.

- **Manufacturer:** UpBright
- **Amazon Product Page:** https://www.amazon.com/dp/B00KRGD6KS

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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.

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