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› UpBright 3-Prong 42V AC/DC Adapter User Manual

UPBRIGHT YHR HY-A01 HY-A02 Power Supply

UpBright 3-Prong 42V AC/DC Adapter User Manual

Model: YHR HY-A01 HY-A02 Power Supply

Brand: UPBRIGHT

1. INTRODUCTION

Thank you for choosing the UpBright 3-Prong 42V AC/DC Adapter. This power supply is designed to provide reliable charging for compatible 37V 2.0Ah Lithium Li-ion batteries found in 6.5-inch hover self-balancing electric scooter boards, specifically YHR HY-A01 and HY-A02 models. This manual will guide you through the proper use, maintenance, and troubleshooting of your new adapter.



Figure 1: UpBright 3-Prong 42V AC/DC Adapter. This image shows the compact black adapter with its attached power cord, featuring a 3-prong connector at the end.

2. IMPORTANT SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this product to prevent injury or damage.

- **Compatibility:** This adapter outputs 42V and is specifically designed for devices requiring a 42V input with a 3-prong connector. It is **NOT** compatible with 29.4V or 25.9V versions. Always verify your device's voltage and connector type before use.
- **Input Voltage:** The adapter supports a worldwide input voltage range of 100-240VAC, 50/60Hz.
- **Protection Features:** The adapter is equipped with Over Voltage Output Protection (OVP), Over Current Output Protection (OCP), and Short Circuit Output Protection (SCP) to ensure safe operation.
- **Indoor Use Only:** Use this adapter in dry, indoor environments only. Do not expose to water, rain, or excessive humidity.
- **Ventilation:** Ensure adequate ventilation around the adapter during use. Do not cover it or place it in an enclosed space.

- **Cable Care:** Do not pull on the cord to disconnect. Always grasp the plug. Avoid kinking, bending, or damaging the power cord.
- **Damaged Unit:** Do not use the adapter if it is damaged, has exposed wires, or is not functioning correctly. Contact support immediately.

3. SETUP AND CONNECTION

Follow these steps to properly set up and connect your UpBright AC/DC Adapter:

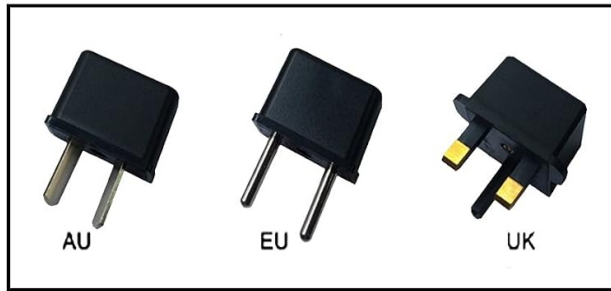
1. **Verify Compatibility:** Before connecting, ensure your hoverboard or device requires a 42V input and has a 3-prong charging port. The connector on the adapter has a groove that must align with a convex slot on your device's charging port for proper connection.



Figure 2: Detailed view of the 3-prong inline female connector and a compatible charging port. The image highlights the groove on the connector and the convex slot on the charging port, emphasizing the need for alignment.

2. **Connect to Device:** Carefully align the 3-prong connector of the adapter with the charging port on your hoverboard. Gently push the connector in until it is fully seated. Do not force the connection.
3. **Connect to Power Outlet:** Plug the AC adapter into a standard wall outlet (100-240VAC). Ensure the outlet is easily accessible.
4. **International Use:** If using internationally, ensure you have the correct regional outlet adapter.

Come With A Suitable Outlet Adapter (Only One) to Fit Your Country/Area For International Order



THIS PRODUCT COMES WITH A UPBRIGHT®

LIMITED WARRANTY CERTIFICATE
+ UPBRIGHT® LIMITED WARRANTY



Figure 3: Examples of international outlet adapters (AU, EU, UK) that may be required for use in different regions. This image illustrates the various plug types for global compatibility.

4. OPERATING INSTRUCTIONS

Once connected, the adapter will begin charging your device. Most devices will have an indicator light to show charging status (e.g., red for charging, green for fully charged). Refer to your device's manual for specific charging indicators.

- **Charging Time:** Charging time varies depending on the battery's capacity and its current charge level.
- **Overcharging:** Modern lithium-ion batteries and chargers are designed to prevent overcharging, but it is generally recommended to disconnect the charger once the battery is full to prolong its lifespan.
- **Disconnection:** To disconnect, first unplug the adapter from the wall outlet, then carefully remove the 3-prong connector from your device.

5. MAINTENANCE AND STORAGE

Proper care and storage will extend the life of your adapter:

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Avoid tightly wrapping the cable around the adapter, which can stress the connections. Coil it loosely.

6. TROUBLESHOOTING

If you encounter issues with your adapter, consider the following:

- **No Power/Charging:**
 - Ensure the adapter is securely plugged into both the wall outlet and the device.
 - Check if the wall outlet is functional by plugging in another device.

- Inspect the adapter's cable and connector for any visible damage.
- **Battery Not Charging (Even with Adapter Connected):**
 - Rechargeable batteries have a limited lifespan (typically 1 to 3 years). If your battery is old or dead, it may no longer accept a charge, which is not an issue with the charger.
 - If you have a voltmeter, you can test the adapter's output voltage to confirm it is working correctly (should be around 42V DC).
 - Consult your device's manual for battery-specific troubleshooting.
- **Overheating:** It is normal for the adapter to feel slightly warm during operation. If it becomes excessively hot or emits a burning smell, immediately unplug it and discontinue use.

7. SPECIFICATIONS

Feature	Detail
Brand	UPBRIGHT
Model Number	YHR HY-A01 HY-A02 Power Supply
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	42V DC
Connector Type	3-Prong Connector
Compatible Devices	YHR HY-A01, YHR HY-A02 (37V 2.0Ah Lithium Li-ion Battery 6.5 Inch Hover Self-Balancing Electric Scooter Boards)
Special Features	OVP, OCP, SCP Protection (Over Voltage, Over Current, Short Circuit)
Product Dimensions	3 x 3 x 1 inches
Item Weight	4 ounces

8. WARRANTY AND SUPPORT

Your UpBright AC/DC Adapter comes with a limited warranty to ensure your satisfaction:

- **Refund Policy:** UpBright offers a 30-day refund period from the date of purchase.
- **Exchange Policy:** The product is covered by a 24-month exchange warranty.

For warranty claims, technical support, or any questions regarding your product, please refer to the contact information provided with your purchase or visit the official UpBright website. Please have your product model number and purchase details ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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.

Submit question

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