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> UpBright 3-Prong 42V AC/DC Adapter for Jetson Hoverboards (Models: Sphere, Magma, Aero, Nitro) and FY0424201000 Charger Instruction Manual

UPBRIGHT FY0424201000

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

Model: FY0424201000

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your UpBright 3-Prong 42V AC/DC Adapter. This adapter is designed to charge 36V 2.0Ah Lithium-Ion batteries found in various hoverboards, including specific Jetson Sphere, Magma, Aero, and Nitro models, as well as the FY0424201000 charger. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

Adhering to these safety guidelines is crucial for preventing damage to the adapter, your device, and ensuring user safety.

- **Compatibility Check:** Always verify that the adapter's output voltage (42V) and connector type (3-Prong) match the requirements of your device. Incorrect voltage or connector type can cause severe damage. Refer to your device's original charger or manual for specifications.
- **Over Voltage Protection (OVP):** The adapter is equipped with OVP to prevent damage from excessive output voltage.
- **Over Current Protection (OCP):** OCP safeguards against damage from excessive output current.
- **Short Circuit Protection (SCP):** SCP protects the adapter and connected device from short-circuit conditions.
- **Indoor Use Only:** This adapter is intended for indoor use in dry conditions. Avoid exposure to moisture or extreme temperatures.
- **Ventilation:** Ensure adequate ventilation around the adapter during use to prevent overheating. Do not cover the adapter.
- **Cable Care:** Do not bend, twist, or pull the power cord excessively. Avoid placing heavy objects on the cord.
- **Battery Life:** Rechargeable batteries have a limited lifespan, typically 1 to 3 years. An old or dead battery may not accept a charge, which is not an indication of a faulty charger.

3. PRODUCT OVERVIEW

The UpBright 3-Prong 42V AC/DC Adapter is a reliable power supply designed for charging compatible 36V Lithium-Ion hoverboards and similar devices. It features a 3-prong connector and supports a wide input voltage range (100-240VAC, 50/60Hz) for global use.



Image 3.1: The UpBright 3-Prong 42V AC/DC Adapter. This image shows the main adapter unit with its power cord and 3-prong output connector. The adapter casing displays brand information, model details, input/output specifications, and safety certifications (FC, CE, RoHS).

This adapter is compatible with various Jetson hoverboard models, including:

- Jetson Sphere (JSPHER, JSPHER-BLK, JSPHER-PUR, JSPHER-TEL, JSPHER-RED, JSPHER-PNK, JSPHER-NBL)
- Jetson Magma (JMGMA-BLK, JMGMA-RED)
- Jetson Aero (JAERO-BLK)
- Jetson Nitro (JNITRO, JNITRO-BLK, JNITRO-BLU, JNITRO-RED, JNITRO-BLK-C, JNITRO-BLU-C, JNITRO-RED-C, JNITRO-BLU-R)



Image 3.2 & 3.3: Examples of compatible Jetson hoverboard models. The left image displays various color variants of the Jetson Sphere Light-Up Hoverboard. The right image shows Jetson Magma Light-Up Hoverboards and Jetson Nitro Hoverboards, illustrating the range of devices this adapter supports.

4. SETUP

1. **Verify Compatibility:** Before connecting, ensure your device requires a 42V output and has a 3-prong charging port. Check the input specifications on your device or its original charger.
2. **Connect to Device:** Insert the 3-prong connector of the UpBright adapter firmly into the charging port of your hoverboard or compatible device.
3. **Connect to Power Outlet:** Plug the AC power cord of the adapter into a standard 100-240VAC wall outlet.
4. **Charging Indicator:** Most devices will have an indicator light (often red for charging, green for fully charged) to show the charging status. Refer to your device's manual for specific indicator behavior.

5. OPERATION

Once properly connected, the adapter will begin charging your device's battery. The charging process is automatic. Disconnect the adapter once the device indicates a full charge to prolong battery life, although the adapter's protection features prevent overcharging.

- Do not leave the adapter connected to the device or power outlet for extended periods when not in use.
- Avoid using the device while it is charging, as this can extend charging time and potentially strain the battery.

6. MAINTENANCE

- **Cleaning:** Disconnect the adapter from power and device before cleaning. Use a soft, dry cloth to wipe the adapter. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use. Coil the cable loosely to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cables for any signs of damage, such as frayed wires, cracks, or bent pins. Discontinue use if damage is observed.

7. TROUBLESHOOTING

If your device is not charging, consider the following:

- **No Power:** Ensure the adapter is securely plugged into a working wall outlet and the device. Try a different outlet.
- **Device Not Charging:**
 - Confirm the adapter's specifications (42V, 3-Prong) match your device's requirements.
 - Check the charging port on your device for any obstructions or damage.
 - **Battery Condition:** Rechargeable batteries degrade over time. If your battery is old (typically 1-3 years) or completely depleted, it may no longer accept a charge. This is a battery issue, not a charger malfunction. A voltmeter can be used to test if the charger is producing the correct output voltage (42V).
- **Adapter Overheating:** While some warmth is normal, excessive heat may indicate an issue. Ensure proper ventilation and discontinue use if the adapter becomes unusually hot.

8. SPECIFICATIONS

Brand	UPBRIGHT
Model Number	FY0424201000
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	42V DC
Connector Type	3-Prong
Protection Features	OVP, OCP, SCP
Product Dimensions	4 x 2 x 2 inches
Item Weight	5 ounces

9. WARRANTY AND SUPPORT

Your UpBright 3-Prong 42V AC/DC Adapter comes with a limited warranty. UpBright offers a 30-day refund policy and a 24-month exchange policy for tested units in great working condition. For warranty claims or technical support, please refer to the contact information provided with your purchase or visit the official UpBright website.



Image 9.1: This image displays a sample UpBright Limited Warranty Certificate on the right, detailing warranty terms and conditions. On the left, it shows examples of international outlet adapters (AU, EU, UK) that may be included with international orders to ensure compatibility with local power sockets.

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.

Name

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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