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› UpBright 19V 60W AC/DC Adapter Instruction Manual for Inogen Battery Chargers BA-303, BA-403

UPBRIGHT Inogen BA-303 Battery Charger 19V 60W

UpBright 19V 60W AC/DC Adapter Instruction Manual

Compatible with Inogen One G3 and G4 External Battery Chargers

1. PRODUCT OVERVIEW

The UpBright 19V 60W AC/DC Adapter is designed to provide reliable power for charging Inogen One G3 and G4 external battery chargers. This adapter ensures efficient and safe charging with built-in protection features.

Key Features:

- **World Wide Input Voltage:** 100-240VAC 50/60Hz, allowing for global use.
- **Output:** 16.8V 45W, 19VDC 3.16A, 60W.
- **Safety Protections:** Equipped with Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard your devices.
- **Compatibility:** Specifically designed for various Inogen One G3 and G4 battery charger models.



Image 1.1: The UpBright 19V 60W AC/DC Adapter with its power cord. This image displays the compact design and the barrel connector for device compatibility.

2. COMPATIBILITY

This AC/DC adapter is compatible with the following Inogen One G3 and G4 external battery charger models and their associated batteries:

- **Inogen One G3 External Battery Charger:** Model BA-303 (for BA-300 8-Cell 83.5Wh 14.4V Nom 5.8Ah Li-Ion Battery & BA-316 16-cell 94.4Wh 14.52V Nom 6.5Ah Li-Ion Battery, and #1400-1010-8 8-Cell 92Wh 14.4V Nom 6.4Ah Li-Ion Battery).
- **Inogen One G4 External Battery Charger:** Model BA-403 (for BA-400 4-Cell 50.9Wh 14.54V Nom 3.5Ah Li-Ion Battery & BA-408 8-Cell 93.6Wh 14.4V Nom 6.5Ah Li-Ion Batteries).
- **CWT Models:** KPL-060K-VI, KPL-060K-V1.



Image 2.1: Examples of compatible Inogen battery chargers, including models BA-303 and BA-403. This image helps identify the correct battery charger models for use with the adapter.

3. SETUP INSTRUCTIONS

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

1. **Select the Correct AC Power Cord:** The adapter comes with a suitable AC power cord for your region (e.g., US, EU, UK, AU). Ensure you use the correct cord.



Image 3.1: Different types of AC power cords provided for various regions. Select the one appropriate for your country or area.

2. **Connect AC Power Cord to Adapter:** Insert the AC power cord firmly into the input port of the UpBright AC/DC Adapter.
3. **Connect Adapter to Battery Charger:** Insert the barrel connector of the adapter's DC output cable into the designated power input port on your Inogen external battery charger. Ensure the connection is secure.



Image 3.2: A close-up view of the adapter's barrel connector, which connects to the battery charger.

4. **Plug into Wall Outlet:** Plug the AC power cord into a standard wall outlet (100-240VAC, 50/60Hz).

4. OPERATING INSTRUCTIONS

Once the adapter is properly connected, it will begin to supply power to your Inogen external battery charger. The charger will then manage the battery charging process.

- Ensure the battery is correctly inserted into the Inogen external battery charger according to the charger's own instructions.
- The battery charger's indicator lights (if present) will typically show the charging status. Refer to your Inogen battery charger's manual for specific indicator meanings.
- The adapter is designed for continuous use during charging.

5. MAINTENANCE AND CARE

To ensure the longevity and safe operation of your UpBright AC/DC Adapter, please observe the following:

- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Avoid Disassembly:** Do not attempt to open or disassemble the adapter. This can lead to electric shock and will void the warranty.
- **Keep Clean:** Wipe the adapter with a dry, soft cloth. Avoid using liquid cleaners.
- **Proper Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight. Avoid tightly coiling the cables to prevent damage.
- **Inspect Cables:** Periodically check the power cords and adapter cables for any signs of fraying, cuts, or damage. Discontinue use if damage is found.

6. TROUBLESHOOTING

If you encounter issues with your UpBright AC/DC Adapter, consider the following:

- **No Power/Charging:**
 - Ensure all connections are secure: the AC cord to the adapter, the adapter to the charger, and the AC cord to the wall outlet.
 - Verify the wall outlet is functional by plugging in another device.
 - Confirm the adapter's specifications (19V 3.16A) match the requirements of your Inogen battery charger.
- **Loose Connection:** Some users have reported that the connector to the battery charger may feel loose. While the adapter is designed for compatibility, ensure it is pushed in firmly. If the connection remains unstable or charging is intermittent, inspect the barrel connector for any physical damage.
- **Adapter Not Fitting:** Double-check the model numbers of your Inogen battery charger against the compatibility list in Section 2. Although model numbers may appear similar, slight variations can exist. Ensure the barrel connector size matches your charger's input port.
- **Overheating:** If the adapter feels excessively hot, unplug it immediately. Ensure it is used in a well-ventilated area and not covered. Overheating can indicate a fault or an incompatible load.

If troubleshooting steps do not resolve the issue, please refer to the Warranty and Support section.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	6 x 3 x 2 inches
Item Weight	10 ounces
Input Voltage	100-240VAC 50/60Hz
Output Voltage	19VDC
Output Amperage	3.16A
Output Wattage	60W
Connector Type	Barrel Connector
Model Number	Inogen BA-303 Battery Charger 19V 60W (referring to the charger it powers)

8. WARRANTY AND SUPPORT

UpBright products are designed for quality and reliability. This adapter comes with the following warranty and support:

- **Refund Policy:** 30 days refund period from the date of purchase.

- **Exchange Policy:** 24 months exchange for defective units.



Image 8.1: An example of the UpBright Limited Warranty Certificate. Please retain your proof of purchase for warranty claims.

Customer Support:

For further assistance, technical support, or warranty claims, please contact UpBright customer service through the retailer where the product was purchased or visit the official UpBright website for contact information.