

HKY A190-1560008000

HKY 15.6V 8A AC Power Supply Instruction Manual

For Caire Freestyle Comfort Oxygen Concentrator (Model A190-1560008000)

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your HKY 15.6V 8A AC Power Supply. This power adapter is specifically designed for compatibility with the Caire FreeStyle Comfort Portable Oxygen Concentrator. Please read these instructions thoroughly before use and retain for future reference.

2. PRODUCT OVERVIEW

The HKY 15.6V 8A AC Power Supply serves as a replacement or spare adapter for compatible Caire FreeStyle Comfort Portable Oxygen Concentrators. It features a robust design with multiple safety protections to ensure reliable power delivery.

Key Features:

- **Smart Chip Technology:** Incorporates smart chip technology for overheating protection.
- **Overload Protection:** Equipped with high-quality wires to prevent overload.
- **Anti-Interference:** Designed with isolation materials to minimize interference.
- **Durable Construction:** Features a rubberized texture and an extra-long AC/DC cord for durability and convenience.
- **Safety Certifications:** Certified by FCC, CE, PSE, and RoHS standards.
- **Comprehensive Protection:** Includes Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP).



Figure 1: HKY 15.6V 8A AC Power Supply with its detachable power cord.

High Performance Multiple Protection Harder Power Supply Housing



ABC + PC
Shell material



Good heat
Resistance



VO-Grade
Fire-Retardant



Overcharge
Protection



Overvoltage
Protection



Overheat
Protection



Overcurrent
Protection

Figure 2: Close-up view of the HKY power supply, emphasizing its robust housing made from ABC + PC shell material, good heat resistance, and V-0 grade fire-retardant properties. It also highlights multiple protection features including overcharge, overvoltage, overheat, and overcurrent protection.

Easy to carry with your bag

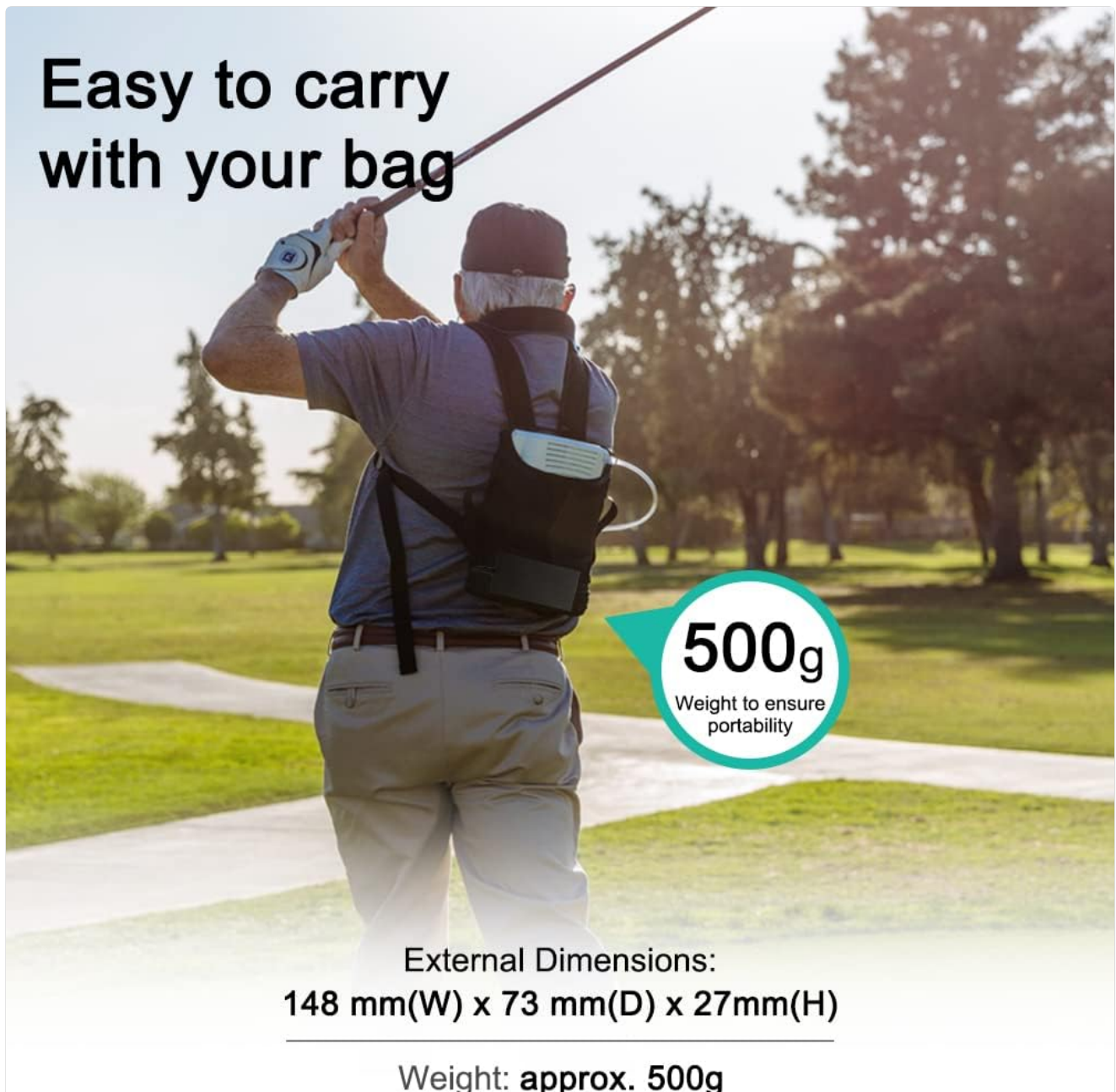


Figure 3: A user carrying a portable oxygen concentrator, demonstrating the compact size and portability of the power supply, which weighs approximately 500g (1.1 lbs) and has external dimensions of 148 mm (W) x 73 mm (D) x 27 mm (H).

3. COMPATIBILITY

This HKY AC Power Supply is compatible with the following devices and model numbers:

- Caire FreeStyle Comfort Portable Oxygen Concentrator (POC)
- Caire FreeStyle Confort REF AS200, AS200-1, AS2001, REFAS200-1
- SKU PW036-1S, PW0361S, PW036 - 1S, PWO36-1S, PWO361S
- Caire FreeStyle Comfort Portable Oxygen Concentrator REF AS200-201, AS200201, REFAS200-201 (15 VDC/10.0A Power Supply)
- Caire Inc. Model No.: BT034-1 FreeStyle Comfort 4INR19/66-2 96.5 W-hr Lithium Ion battery pack (14.4 VDC, 96.5Wh)
- Replacement Delta Caire P/N: PW036-1, PW0361, PWO36-1, PWO361
- Model: MEA-120A15B, MEA120A15B Delta Electronics, Inc. Power Supply

Please verify the specifications and plug size of your device before use to ensure compatibility.

4. SETUP INSTRUCTIONS

Follow these steps to properly set up your HKY AC Power Supply:

1. **Connect to Oxygen Concentrator:** Insert the DC output connector of the HKY power supply into the power input port of your Caire FreeStyle Comfort Oxygen Concentrator. Ensure a secure and snug connection.
2. **Connect to Power Outlet:** Plug the AC input cable of the HKY power supply into a standard 100-240V AC electrical wall outlet.
3. **Verify Power:** Once both connections are made, the oxygen concentrator should receive power. Refer to your concentrator's user manual for specific power indicator lights or operational status.

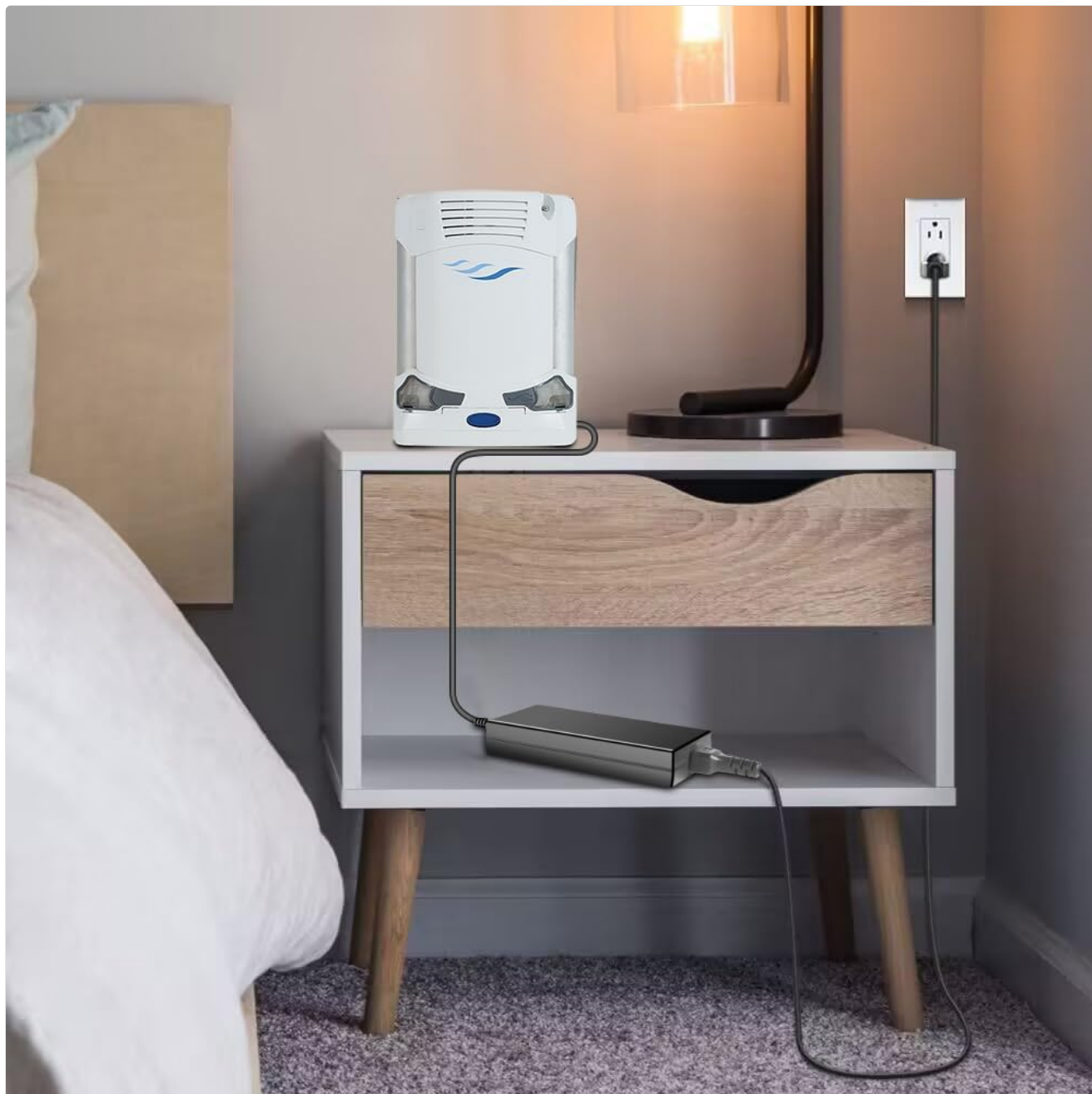


Figure 4: The HKY power supply connected to a Caire FreeStyle Comfort Oxygen Concentrator, illustrating a typical setup in a home environment.

5. OPERATING INSTRUCTIONS

The HKY 15.6V 8A AC Power Supply operates automatically once connected to a power source and a compatible device. It is designed to provide continuous and stable power for your Caire FreeStyle Comfort Oxygen

Concentrator.

- Ensure all connections are firm and properly seated before operating your device.
- The power supply is designed for continuous use within its specified operating parameters.
- If the power supply feels excessively hot to the touch, disconnect it immediately from both the wall outlet and the concentrator. Check for proper ventilation around the adapter and ensure there are no issues with the connected device.

Continuous and Stable Power Supply

Durable, multiple quality and safety verifications



Pure copper core



High level of safety certification marks



Figure 5: Detail of the power plug and cable, featuring the cULus certification mark, indicating high levels of safety. The design ensures continuous and stable power delivery through a pure copper core.

6. MAINTENANCE

To ensure the longevity and optimal performance of your HKY AC Power Supply, follow these maintenance guidelines:

- **Cleaning:** Disconnect the power supply from both the wall outlet and the oxygen concentrator before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners, abrasive materials, or solvents.
- **Storage:** When not in use, store the power supply in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cables to prevent internal damage.
- **Inspection:** Periodically inspect the cables and connectors for any signs of wear, fraying, cuts, or other damage. If any damage is observed, discontinue use immediately and replace the unit to prevent electrical hazards.
- **Ventilation:** Ensure the power adapter is placed in a well-ventilated area during operation to prevent

overheating. Do not cover the adapter with cloths, blankets, or other materials that could obstruct airflow.

7. TROUBLESHOOTING

If you encounter issues with your HKY AC Power Supply, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power to the oxygen concentrator.	Power supply not properly connected to the wall outlet or concentrator.	Ensure both the AC plug and DC connector are firmly seated. Try a different, known-working wall outlet.
Oxygen concentrator not charging/operating correctly.	Incorrect power supply for the device, or damaged power supply/cable.	Verify the power supply specifications (voltage, amperage) match your concentrator's requirements. Inspect cables for visible damage. If damaged, replace the power supply.
Power supply feels excessively hot during operation.	Lack of ventilation or prolonged heavy load.	Ensure the power supply is in a well-ventilated area and not covered. Reduce the load on the concentrator if possible. If overheating persists, discontinue use and contact customer support.

If these steps do not resolve the issue, please contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for the HKY 15.6V 8A AC Power Supply:

Specification	Value
Input Voltage	100-240V AC, 50-60Hz
Output Voltage	15.6V DC
Output Current	8A
Power Output	125W
Connector Type	2-Pin
Item Model Number	A190-1560008000
Item Weight	1.57 pounds (approx. 712g)
Package Dimensions	8.74 x 6.02 x 2.01 inches
Special Features	Fast Charging, Short Circuit Protection, Travel-friendly design
Included Components	AC power adapter cable

9. WARRANTY AND SUPPORT

HKY is committed to providing high-quality products. This power supply typically comes with a manufacturer's warranty. For specific warranty details, including duration and coverage, please refer to the product packaging or contact HKY customer service directly.

If you have any questions, encounter issues, or require technical assistance, please contact our dedicated customer service team. We aim to respond to inquiries promptly, typically within 24 hours.

For customer service contact information, please refer to the documentation included with your product or visit the official HKY website.

The infographic is titled "About our Customer Service" in a teal banner. It features three circular icons: a "30 DAYS MONEY BACK GUARANTEE", a "3 YEAR WARRANTY", and a "24/7 SERVICES" icon. To the right is a photo of a smiling woman wearing a headset. Below these are two main sections. The first, "Safe & Reliable", includes a checkmark icon and the text "Made with high quality materials". It points to a detailed cross-section of a cable with labels: "High Grade Copper", "Wire Insulation", "Aluminum Foil Shield", "Protective Tinned Copper Braid", and "PVC Cable Jacket". The second section, "Reinforced Stress Points", includes a circular icon with two arrows and the text "Withstand more wear and tear". To the left of this section is an image of a power supply unit with a cable plugged in.

Figure 6: Information regarding customer support and warranty details, including a 3-year warranty period.

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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