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T POWER Mango150-24BB-O2, Mango120-24BB-GCE

T POWER 24V AC DC Adapter Instruction Manual

For Oxlife Freedom and GCE Zen-O Lite Portable Oxygen Concentrators

1. Introduction

This manual provides essential instructions for the safe and effective use of your T POWER 24V AC DC Adapter. This adapter is designed to provide reliable power to compatible portable oxygen concentrators, specifically the Oxlife Freedom and GCE Zen-O Lite models. Please read this manual thoroughly before use and retain it for future reference.



Image 1.1: T POWER 24V AC DC Adapter.

2. Important Safety Information

- **Compatibility:** Ensure the adapter's voltage and connector type match your device's requirements. This adapter features a barrel round plug and is specifically designed for the GCE Zen-O Lite version, **not** the GCE Zen-O version.
- **Indoor Use Only:** This adapter is intended for indoor use in dry locations. Avoid exposure to moisture or extreme temperatures.
- **Ventilation:** Do not cover the adapter during use. Ensure adequate ventilation to prevent overheating.
- **Damage:** Do not use the adapter if the cord or plug is damaged. Contact customer support for assistance.
- **Children:** Keep the adapter out of reach of children.
- **Disassembly:** Do not attempt to disassemble or repair the adapter. This will void the warranty and may cause electrical hazards.



Image 2.1: Safety features of the T POWER adapter.

3. Setup and Connection

1. **Verify Compatibility:** Before connecting, confirm that your portable oxygen concentrator model is listed as compatible. This adapter supports Oxlife Freedom (O2 Concepts 301-0003, part numbers 800-1003, 800-1044, 800-1051, 800-1054, 800-1043, 800-1059, 800-1042, 800-1048) and GCE Zen-O Lite (REF RS-00600, RS-00600C, with battery packs RS-00601, RS-00612, RS-00602, RS-00603, RS-00604).
2. **Connect to Device:** Insert the barrel round plug of the adapter firmly into the power input port of your oxygen concentrator.
3. **Connect to Power Outlet:** Plug the AC power cord into a standard AC 100V-240V wall outlet.
4. **Power On:** Once connected, your oxygen concentrator should receive power. Refer to your concentrator's manual for specific power-on procedures.



Image 3.1: Example of compatible portable oxygen concentrators.

4. Operating Instructions

The T POWER 24V AC DC Adapter functions as a power supply for your compatible oxygen concentrator. Once properly connected, it will provide the necessary electrical current for operation and battery charging (if applicable to your concentrator model).

- Ensure the adapter is always connected to a stable power source.
- Monitor your oxygen concentrator's power indicator to confirm it is receiving power.
- Disconnect the adapter from the wall outlet and the device when not in use for extended periods.

5. Maintenance

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Wipe the exterior with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place when not in use. Avoid wrapping the cord too tightly around the adapter body.
- **Cable Inspection:** Periodically inspect the power cord and connector for any signs of wear, cuts, or damage. If damage is observed, discontinue use immediately.



Image 5.1: Durable design of the T POWER adapter cable.

6. Troubleshooting

Problem	Possible Cause	Solution
Device not powering on.	Adapter not properly connected. Wall outlet not functioning. Incompatible device version.	Ensure all connections are secure. Test the wall outlet with another device. Verify your concentrator is the GCE Zen-O Lite version, not Zen-O.
Adapter feels hot.	Normal operation (slight warmth). Poor ventilation. Overload or internal fault.	Ensure adapter is in a well-ventilated area. If excessively hot, disconnect immediately and contact support.

Problem	Possible Cause	Solution
Loose connection.	Connector not fully inserted. Damaged connector.	Push the barrel plug firmly into the device. If damaged, discontinue use and replace the adapter.

If troubleshooting steps do not resolve the issue, please contact T POWER customer support.

7. Specifications

Input Voltage Range: AC 100V - 240V

Output Voltage: DC 24V

Output Current: 5 Amps

Connector Type: Barrel Round Plug

Item Weight: 4 Ounces

Item Dimensions (L x W x H): 4 x 4 x 2 inches

Compatible Models:

- Oxlife Freedom: O2 Concepts 301-0003, PN 800-1003, 800-1044, 800-1051, 800-1054, 800-1043, 800-1059, 800-1042, 800-1048 (Model: Mango150-24BB-O2)
- GCE Zen-O Lite: REF RS-00600, RS-00600C, with battery packs RS-00601, RS-00612, RS-00602, RS-00603, RS-00604 (Model: Mango120-24BB-GCE, RS00612)

Certifications: CE/FCC/RoHS certified

8. Warranty and Support

Warranty: This T POWER adapter comes with a 60-day limited warranty from the date of purchase. This warranty covers manufacturing defects. Damage resulting from misuse, accidents, or unauthorized modifications is not covered.

Returns: You may return your undamaged product and packaging within 30 days of purchase for a full refund for any reason.

Technical Support: For technical assistance, compatibility questions, or warranty claims, please contact T POWER customer support. If you received the wrong item or the adapter tip does not fit your device, please reach out for assistance.

Contact information is typically provided on the product packaging or the seller's official website.

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