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T POWER TP-cd, varon nt-01 nt-02 nt-03 nt-05

T POWER 16.8V Charger User Manual

Model: TP-cd, varon nt-01 nt-02 nt-03 nt-05

Product Overview

The T POWER 16.8V Charger is a reliable AC/DC adapter designed to provide power to various compatible devices, including specific VARON Oxygen Concentrator models. This charger features a wide input voltage range (AC 100V - 240V) and delivers a DC output compatible with 14V to 16.8V devices. It is engineered with safety features to protect against over-current, over-temperature, over-voltage, and short circuits.

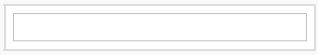

Image: The T POWER 16.8V Charger, showing the main adapter unit with its specifications label and the attached power cord with a two-prong plug. The barrel connector is also visible.



Image: A different perspective of the T POWER 16.8V Charger, highlighting the compact design of the adapter block and the length of the power cable.

Compatibility

This T POWER charger is specifically designed for use with the following VARON Oxygen Concentrator models and other compatible devices:

- VARON NT-01 (NT01 VP01 VP-01) Portable Air Purifier Improve Oxygen Concentrator
- VARON NT-02 (NT02 VP02 VP-02) 1-5L Home Travel Portable Oxygen Equipment Machine
- VARON NT-03 (NT03)
- VARON NT-05 (NT05)
- VARON VL01
- VARON VL02
- MAF-605A
- Min Portable 32W Oxygen Air Concentrator Machine Rong de Yuan JX-709

Important: Please verify your device's model number or part number matches the compatible models listed above to ensure proper functionality and avoid damage.



Image: A VARON oxygen concentrator, model NT-01 or NT-02, shown in white with a handle, representing one of the compatible devices.

Image: A VARON oxygen concentrator, model NT-03 or NT-05, depicted as a compact white unit with a black handle and side vents, illustrating another compatible device.



Image: A VARON oxygen concentrator, model VL01 or VL02, depicted as a compact white unit with a handle, indicating its compatibility with the charger.

Setup and Installation

1. **Verify Compatibility:** Before connecting, ensure your device's voltage and connector type match the charger's specifications (DC 14V ~ 16.8V compatible, Barrel Connector).
2. **Connect to Device:** Insert the barrel connector of the T POWER charger firmly into the power input port of your compatible VARON Oxygen Concentrator or other device.
3. **Connect to Power Outlet:** Plug the AC power cord of the charger into a standard AC 100V - 240V wall outlet.
4. **Power On:** Once connected, your device should begin charging or receive power. Refer to your device's manual for specific charging indicators.

Caution: Use only with specified devices. Connecting to incompatible devices may cause damage to the charger or the device.

Operating Instructions

The T POWER 16.8V Charger operates automatically once connected to a power source and a compatible device. It provides a stable power supply for continuous operation or recharges the device's battery.

- **Charging:** When connected to a device with a rechargeable battery, the charger will initiate the charging process. The charging status is typically indicated by the device itself (e.g., an LED indicator).
- **Direct Power:** For devices that operate directly from AC power without a battery, the charger provides continuous power as long as it is plugged in.
- **Disconnection:** To disconnect, first unplug the charger from the wall outlet, then remove the barrel connector from your device.

Maintenance and Care

Proper maintenance ensures the longevity and safe operation of your T POWER charger:

- **Cleaning:** Wipe the charger with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Avoid bending or crimping the power cord excessively, especially near the connectors. Do not place heavy objects on the cord.
- **Inspection:** Periodically inspect the charger and its cables for any signs of damage, such as frayed wires, cracks, or loose connections. If damage is found, discontinue use immediately.

Image: A graphic illustrating the durability features of the T POWER charger, including its longer bend lifespan (tested to withstand 10,000 bends), excellent material quality, and durable premium power plug.

Safety Information

The T POWER charger is designed with multiple safety features to ensure reliable operation:

- **Over-Current Protection:** Prevents damage from excessive current flow.
- **Over-Temperature Protection:** Safeguards against overheating.
- **Over-Voltage Protection:** Protects connected devices from voltage spikes.
- **Short Circuit Protection:** Automatically shuts down in case of a short circuit.

Warning: Do not disassemble the charger. Do not expose to water or high humidity. Keep out of reach of children.

Image: A graphic detailing the superior safety features of the T POWER adapter, including over-current, over-temp, over-voltage, and short circuit protection. It also highlights quality certification, safety features with certified testing, and a reinforced power cord.

Troubleshooting

Problem	Possible Cause	Solution
Charger not providing power.	• Not properly plugged into outlet. • Outlet is not active. • Device is incompatible. • Damaged charger or cable.	• Ensure both ends of the charger are securely plugged in. • Test the outlet with another device. • Verify your device's model number against the compatibility list. • Inspect the charger and cable for visible damage. If damaged, discontinue use and replace.
Device not charging or charging slowly.	• Incorrect charger for the device. • Device's charging port is faulty. • High power consumption by device during charging.	• Confirm the charger's output specifications match your device's requirements. • Try charging another compatible device to isolate the issue. • Reduce device usage during charging.
Charger feels hot during use.	• Normal operation under load. • Poor ventilation. • Overload or internal fault.	• A slight warmth is normal. • Ensure the charger is in a well-ventilated area. • If excessively hot or emitting smoke/smell, immediately unplug and discontinue use. Contact support.

Specifications

Feature	Detail
Brand	T POWER

Feature	Detail
Model Number	TP-cd, varon nt-01 nt-02 nt-03 nt-05
Input Voltage Range	AC 100V - 240V
Output Voltage	DC 14V ~ 16.8V Compatible
Connector Type	Barrel Connector
Product Dimensions	4 x 4 x 2 inches
Item Weight	4 ounces
Color	Black
Material	Metal
Manufacturer	T POWER with varon oxygen concentrator against IV -SC CE/FCC/RoHS certified

Warranty and Support

T POWER stands behind the quality of its products. This charger comes with the following:

- **30-Day Return Policy:** You may return your undamaged product and packaging within 30 days of purchase to receive a full refund for any reason.
- **1-Year Limited Manufacturer Warranty:** We take care of all quality-related issues and offer easy exchange with a replacement.
- **Technical Support:** If you received the wrong item, the charger doesn't fit your device, or for any other inquiries, please contact T POWER customer support.

For support, please refer to the contact information provided with your purchase or visit the official T POWER website.

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