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> [Varon Rechargeable Battery for NT06 \(5200mAh\) User Manual](#)

Varon BE16A011

Varon Rechargeable Battery for NT06 (5200mAh) User Manual

Model: BE16A011

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of your Varon Rechargeable Battery, model BE16A011, designed specifically for the NT06 device. This 5200mAh lithium battery pack ensures portable power for your compatible equipment.

The battery dimensions are approximately 8cm x 4.5cm x 11.5cm (3.1in x 1.7in x 4.5in).

2. IMPORTANT SAFETY INFORMATION

Please read and understand all safety warnings before using this battery. Failure to follow these instructions may result in fire, electric shock, injury, or damage to the battery or device.

- **Incorrect Use:** Incorrect use of the battery can cause fire, explosion, or other hazards.
- **No Disassembly:** Do not attempt to disassemble, open, or service the battery pack. There are no user-serviceable parts inside.
- **No Short Circuit:** Do not short-circuit the battery. Avoid contact with metal objects that could bridge the terminals.
- **No Fire/Heat Exposure:** Do not expose the battery to fire or excessive heat. Keep away from direct sunlight and heat sources.
- **Proper Disposal:** Do not dispose of the battery in household waste. Follow local regulations for proper disposal of lithium-ion batteries.
- **Storage:** The battery does not need to be completely discharged before recharging. It is recommended that you recharge the battery pack immediately after use to maintain optimal performance.
- **Temperature Range:** When the lithium battery is fully charged or fully consumed, it is sensitive to high temperature. To prevent permanent loss of battery capacity, it is recommended to keep the battery power at 25%–50% and store it in a 20°C–2°C (68°F–35.6°F) environment.



Image: Front view of the Varon Lithium Battery Pack, showing battery specifications and important safety icons indicating no disassembly, no short-circuiting, no fire exposure, and proper disposal.

3. SETUP AND INSTALLATION

This section guides you through the process of installing the Varon Rechargeable Battery into your compatible NT06 device.

1. Ensure the NT06 device is powered off and disconnected from any external power sources before installation or removal.
2. Locate the battery compartment on your NT06 device. This is typically on the side or rear of the unit.
3. Open the battery compartment cover.
4. Align the battery pack with the battery slot, ensuring the connectors on the battery match the terminals inside the compartment.
5. Gently slide the battery into the compartment until it clicks securely into place. Do not force the battery.

6. Close the battery compartment cover firmly.



Image: A visual guide demonstrating the easy removal and installation of the Varon battery into the portable oxygen concentrator, highlighting the battery compartment and insertion direction with blue arrows.

The battery is designed for easy removal and installation without needing to take the main unit out of its portable bag.

4. OPERATING THE BATTERY

4.1 Charging the Battery

To charge the Varon Rechargeable Battery:

- Connect your NT06 device (with the battery installed) to its official power adapter.
- Plug the power adapter into a suitable electrical outlet.
- The device's indicator lights will typically show the charging status. Refer to your NT06 device's manual for specific

charging indicators.

- It is recommended to fully charge the battery before its first use.

4.2 Battery Usage

Once installed and charged, the battery will power your NT06 device. The battery life will vary depending on the device's settings and usage patterns. Monitor the battery level indicator on your NT06 device to know when recharging is necessary.

5. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your Varon battery.

- **Cleaning:** Use a soft, dry cloth to clean the battery pack. Do not use liquid cleaners or solvents.
- **Storage:** If storing the battery for an extended period, ensure it is charged to 25%-50% capacity. Store in a cool, dry place, ideally between 2°C and 20°C (35.6°F and 68°F). Avoid extreme temperatures.
- **Regular Use:** For best battery health, avoid leaving the battery fully discharged or fully charged for prolonged periods.
- **Inspection:** Periodically inspect the battery for any signs of damage, swelling, or leakage. If any issues are observed, discontinue use immediately and contact support.

6. TROUBLESHOOTING

If you encounter issues with your Varon Rechargeable Battery, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Battery not charging.	Not properly connected. Faulty power adapter or cable. Battery or device issue.	Ensure battery is correctly installed and power adapter is securely plugged in. Try a different power outlet or adapter (if available). Consult the NT06 device manual or contact customer support.
Short battery life.	High power consumption by device. Battery degradation over time. Improper charging habits.	Adjust device settings to reduce power consumption. Ensure battery is fully charged before use. Follow recommended charging and storage guidelines. Consider replacing the battery if it's old and significantly degraded.
Battery feels hot during use/charging.	Normal operation (slight warmth). Overheating due to malfunction.	Slight warmth is normal. If excessively hot, disconnect immediately and allow to cool. Do not use if it remains excessively hot or shows signs of swelling. Contact support.

7. SPECIFICATIONS

Detailed specifications for the Varon Rechargeable Battery (Model BE16A011):

- **Model:** BE16A011
- **Battery Type:** Lithium Battery Pack
- **Capacity:** 5200mAh
- **Configuration:** 2P6S DC22V
- **Cells:** 12pcs 18650 cells
- **Energy:** 114.4Wh
- **Dimensions:** 8cm x 4.5cm x 11.5cm (3.1in x 1.7in x 4.5in)
- **Reusability:** Rechargeable
- **Manufacturer:** HUIZHOU SUNWONDER NEW ENERGY TECHNOLOGY CO., LTD
- **Country of Origin:** China

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Specific warranty details for the Varon Rechargeable Battery are typically provided at the point of purchase or within the original product packaging. Please retain your proof of purchase for warranty claims. The warranty generally covers manufacturing defects under normal use conditions.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Varon customer support or the retailer from whom you purchased the product. Refer to the contact information provided with your NT06 device or on the Varon official website.

Manufacturer: HUIZHOU SUNWONDER NEW ENERGY TECHNOLOGY CO., LTD

