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Tnvodejo W008LB

Tnvodejo 24V 12Ah Li-ion Rechargeable Battery User Manual

Brand: Tnvodejo | **Model:** W008LB

1. Introduction

This manual provides essential information for the safe and efficient use of your Tnvodejo 24V 12Ah Li-ion Rechargeable Battery. This battery is designed as a replacement or backup power source for various 24V electric ride-on toys and other compatible equipment. Please read this manual thoroughly before use and retain it for future reference.

2. Product Overview



Figure 2.1: Tnvodejo 24V 12Ah Li-ion Rechargeable Battery and included charger.

Key Features:

- **Voltage:** 24V
- **Capacity:** 12Ah
- **Battery Type:** Lithium-ion (Li-ion)
- **Lightweight Design:** Facilitates easy portability and handling.
- **Long-lasting Performance:** Engineered for durability and extended playtime.
- **Multiple Protections:** Enhanced stability and safety features.
- **Fast Charging:** Designed for quick recharge times.

What's in the Box:

- 1 x Tnvodejo 24V 12Ah Li-ion Rechargeable Battery
- 1 x Compatible Charger
- 1 x User Manual

3. Safety Information

To ensure safe operation and prevent damage, please adhere to the following warnings:



Figure 3.1: Warning label on the battery casing.

- **Do not disassemble the battery.**
- **Do not short circuit the positive and negative terminals of the battery.**
- **Do not place the battery under high temperatures, such as direct heat, direct sunlight, or near fire sources.**
- **Do not immerse the battery in fluids such as water, acid, alkaline solutions, or saltwater.**
- **If stored for a long time, keep the battery cool and dry. Charge the battery for 2 hours every 3 months.**
- **Always charge the battery with the special charger provided for Li-ion or lithium polymer batteries. Do not use lead-acid battery chargers.**

4. Setup and Installation

The Tnvodejo 24V 12Ah Li-ion battery is designed for easy installation. Follow these general steps:

1. Ensure the ride-on car or device is powered off and disconnected from any power source.
2. Locate the battery compartment in your ride-on car. Refer to your ride-on car's manual for specific instructions on

accessing the battery compartment.

3. Carefully remove the old battery, noting the orientation of the connectors.
4. Connect the harness from your ride-on car to the new Tnvodejo 24V 12Ah Li-ion battery. Ensure a secure connection.
5. Place the new battery securely in the compartment.
6. Close the battery compartment.

▶ **Watch video online**
24v battery foy ride on cars

Video 4.1: Demonstration of a 24V battery in a ride-on car. This video illustrates the general application of a 24V battery in children's ride-on vehicles.

5. Operating Instructions

Charging the Battery:

Use only the provided charger or a compatible Li-ion charger. Do not use chargers designed for lead-acid batteries.

1. Connect the charger to a standard wall outlet.
2. Connect the charger's output plug to the battery's charging port.
3. The indicator light on the charger will typically show red during charging and turn green when charging is complete.
4. Once fully charged, disconnect the charger from the battery and the wall outlet.

▶ **Watch video online**
24V Charger for Ride on Toys

Video 5.1: A 24V charger for ride-on toys. This video demonstrates the charging process and indicator light behavior.

Usage:

Once installed and charged, your ride-on car or device is ready for use. The Li-ion battery provides consistent power for extended periods.

6. Maintenance

- **Regular Charging:** For optimal battery life, avoid completely draining the battery before recharging.
- **Storage:** If storing the battery for an extended period, ensure it is partially charged (around 50-75%) and stored in a cool, dry place. Recharge every 3 months to maintain battery health.
- **Cleaning:** Keep the battery terminals and casing clean and free from dust and debris. Use a dry cloth for cleaning.
- **Temperature:** Avoid exposing the battery to extreme temperatures (hot or cold) as this can affect performance and lifespan.

7. Troubleshooting

If you encounter issues with your battery, consider the following:

Problem	Possible Cause	Solution
Battery not charging	Charger not connected properly; faulty charger; battery deeply discharged.	Ensure all connections are secure. Try a different outlet. If the charger indicator does not light up, the charger may be faulty. If the battery has been deeply discharged, it may take longer to initiate charging.

Problem	Possible Cause	Solution
Short runtime	Battery not fully charged; aging battery; excessive load on device.	Ensure the battery is fully charged before use. Over time, all batteries experience reduced capacity. Reduce the load on the device if possible.
Device not powering on	Battery not connected; battery discharged; device fault.	Check battery connections. Ensure battery is charged. Test the device with a known good battery if available.

8. Specifications



Figure 8.1: Performance comparison highlighting advantages of Li-ion batteries.

- **Model:** W008LB
- **Battery Type:** Li-ion (Lithium Ion)
- **Voltage:** 24V

- **Capacity:** 12Ah
- **Weight:** Approximately 4.85 pounds (2.2 kg)
- **Dimensions:** Approximately 7.8 x 4.1 x 5 inches (19.8 x 10.4 x 12.7 cm)
- **UPC:** 747892392638
- **Manufacturer:** Runwu

9. Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.

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