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Tnvodejo SFB 121, SFB 126, TCM2, SF120-A, SF-121A, APHL 12, SFL 12/15

Tnvodejo 12V 3.5Ah Ni-MH Power Tool Battery User Manual

Compatible with Hilti SFB 121, SFB 126, SF 121-A, SID 121, SIW 121, SFL 12/15

1. Introduction

Thank you for choosing the Tnvodejo 12V 3.5Ah Ni-MH Power Tool Battery. This manual provides essential information for the safe and effective use, installation, operation, maintenance, and troubleshooting of your new battery. Please read this manual thoroughly before using the product and retain it for future reference.

2. Safety Instructions

Always observe the following safety precautions to prevent injury or damage to the battery and tool:

- **Read all instructions:** Before using the battery, read all instructions and cautionary markings on the battery, charger, and product using the battery.
- **Use correct charger:** Only use chargers specified by the manufacturer for this battery type. Using an incompatible charger may create a risk of fire.
- **Do not short-circuit:** Never short-circuit the battery terminals. Avoid storing the battery in a box or drawer where metal objects or other batteries could short-circuit the terminals.
- **Do not expose to heat:** Do not expose the battery to fire or excessive heat. Exposure to fire or temperatures above 100°C (212°F) may cause an explosion.
- **Do not disassemble:** Do not attempt to disassemble, open, or shred the battery pack.
- **Avoid water:** Do not immerse the battery in water or other liquids.
- **Keep away from children:** Store batteries out of reach of children.
- **Proper disposal:** Dispose of used batteries according to local regulations. Do not dispose of with household waste.
- **Damaged battery:** If the battery is damaged, do not use it. Contact support for assistance.

3. Product Overview

This Tnvodejo replacement battery is designed to provide reliable power for your Hilti 12V power tools. It features a Ni-MH cell type with a 12V voltage and 3.5Ah capacity.

Key Features:

- **Voltage:** 12V

- **Capacity:** 3500mAh (3.5Ah)
- **Cell Type:** Ni-MH
- **Compatibility:** Designed to fit Hilti tools including SFB 121, SFB 126 12Volt / 2.0Ah, SF 121-A, SID 121, SIW 121, and SFL 12/15.
- **Easy Installation:** Quick and straightforward installation, no soldering required.



Image 3.1: Front view of the Tnvodejo 12V 3.5Ah Ni-MH Power Tool Battery.

4. Setup (Installation)

Follow these steps to properly install and remove the battery from your compatible Hilti power tool:

4.1. Installing the Battery

1. Ensure the power tool is turned off and disconnected from any power source.
2. Align the battery with the battery slot on your Hilti power tool.

3. Slide the battery firmly into the slot until it clicks securely into place. Do not force the battery.
4. Gently pull on the battery to ensure it is locked and will not accidentally detach during use.

4.2. Removing the Battery

1. Ensure the power tool is turned off and disconnected from any power source.
2. Locate the battery release button(s) on the power tool.
3. Press and hold the release button(s) while sliding the battery out of the slot.
4. Store the removed battery in a safe, dry place.



Image 4.1: Side view of the battery, illustrating the sliding mechanism for installation.

5. Operating Instructions

Proper charging and usage are crucial for maximizing battery life and performance.

5.1. Charging the Battery

- Use only a compatible Hilti 12V Ni-MH battery charger. Refer to your charger's manual for specific instructions.
- Insert the battery into the charger, ensuring proper alignment.

- The charger's indicator light will show the charging status.
- Do not overcharge the battery. Remove the battery from the charger once fully charged to prevent damage and prolong battery life.
- Avoid charging in extreme temperatures. Charge in a well-ventilated area between 0°C and 40°C (32°F and 104°F).

5.2. Using the Battery

- Ensure the battery is fully charged before beginning work for optimal performance.
- Monitor the tool's performance. If the tool's power decreases significantly, it's time to recharge the battery.
- Avoid completely draining the battery, as this can reduce its overall lifespan.

6. Maintenance

Proper maintenance ensures the longevity and performance of your battery.

6.1. Storage

- Store the battery in a cool, dry place, away from direct sunlight and moisture.
- Ideal storage temperature is between 10°C and 20°C (50°F and 68°F).
- For long-term storage, charge the battery to approximately 50% capacity. Recharge every 3-6 months to prevent deep discharge.
- Keep battery terminals clean and free from debris.

6.2. Cleaning

- Use a clean, dry cloth to wipe down the battery casing.
- If necessary, use a slightly damp cloth, then dry thoroughly.
- Never use harsh chemicals or abrasive cleaners.
- Keep the battery contacts clean using a cotton swab or soft brush.

6.3. Disposal

Ni-MH batteries contain materials that should not be disposed of with regular household waste. Please recycle the battery at an authorized recycling center or return it to the point of purchase for proper disposal. Do not incinerate the battery.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; faulty charger; dirty battery contacts; battery too hot/cold.	Check charger connection; try another charger; clean battery contacts; allow battery to reach room temperature.
Short run time	Battery not fully charged; battery degradation; heavy tool usage.	Ensure full charge; consider battery replacement if old; reduce continuous heavy load.
Battery not fitting tool	Incorrect battery model; debris in tool slot.	Verify battery compatibility with tool model; clean tool battery slot.

If the problem persists after trying these solutions, please contact customer support.

8. Specifications

Detailed technical specifications for the Tnvodejo 12V 3.5Ah Ni-MH Power Tool Battery:

Brand: Tnvodejo

Voltage: 12V

Battery Cell Composition: Ni-MH

Capacity: 3500mAh (3.5Ah)

Reusability: Rechargeable

Recommended Uses: Power Tool

UPC: 786750196773

Manufacturer: RunWu

Approximate Dimensions (L x W x H): 129mm x 67mm x 105mm (as shown in image)



Image 8.1: Dimensions of the Tnvodejo 12V 3.5Ah Ni-MH Power Tool Battery.

9. Warranty

This product comes with a limited warranty. Please refer to the seller's terms and conditions or contact customer support for specific warranty details and duration. Typically, a 1-year warranty covers manufacturing defects from the date of purchase.

10. Support

For further assistance, technical support, or warranty claims, please contact the seller directly through the platform where the product was purchased. Provide your order number and a detailed description of the issue for prompt service.

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