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## Seilylanka RD-SKI9.6VA(W)

# Seilylanka 3000mAh 9.6V Ni-MH Battery Pack

## PRODUCT INSTRUCTION MANUAL

Model: RD-SKI9.6VA(W)

## Introduction

This manual provides essential information for the safe and effective self-installation, operation, and maintenance of your Seilylanka 3000mAh 9.6V Ni-MH Battery Pack. This battery pack is designed for self-installation and is compatible with SKIL 9.6 Volts tools, specifically models like SKIL 2201 and F015220101. Please read this manual thoroughly before proceeding with installation or use.

## Safety Information

Your safety is paramount. Adhere to the following precautions:

- **Risk of Electric Shock:** Always disconnect the power tool from its charger or power source before attempting battery installation or removal.
- **Battery Handling:** Do not short-circuit the battery terminals. Do not expose the battery to water, fire, or extreme temperatures.
- **Self-Installation:** This product requires self-installation. If you are not confident in your ability to safely perform the installation, seek professional assistance. Incorrect installation can lead to damage to the battery, tool, or personal injury.
- **Disposal:** Dispose of old batteries responsibly according to local regulations. Do not dispose of batteries in household waste.
- **Charging:** Use only chargers specified for Ni-MH batteries of 9.6V. Overcharging or using an incompatible charger can damage the battery and pose a fire hazard.

## Setup and Installation

This battery pack is designed for self-installation into compatible SKIL 9.6V tools. The pack consists of 8x Sub C Ni-MH cells. Ensure you have the necessary tools (e.g., screwdriver, soldering iron if required by your tool's design) and a clean workspace.

1. **Preparation:** Ensure the power tool is completely disconnected from any power source. Remove the old battery pack from the tool, carefully noting its configuration and connections.

2. **Inspect the New Pack:** Examine the Seilylanka battery pack for any visible damage.
3. **Installation:** Carefully install the new 8x Sub C Ni-MH cell pack into the battery housing of your SKIL tool, ensuring correct polarity and secure connections. This may involve soldering or connecting terminals depending on the original battery design.
4. **Secure Housing:** Reassemble the tool's battery housing securely.
5. **Initial Charge:** Before first use, fully charge the newly installed battery pack using a compatible Ni-MH charger.



*Image: A view of the individual Ni-MH cells that make up the battery pack, illustrating their cylindrical shape and terminal connections. This image helps visualize the components for self-installation.*

## Operating Instructions

Once installed and fully charged, your Seilylanka battery pack is ready for use with your compatible SKIL 9.6V power tool.

- **Charging:** Always use a charger designed for 9.6V Ni-MH batteries. Follow the charger's instructions for proper charging cycles. Avoid overcharging, as this can reduce battery life.
- **Discharging:** Use the battery until the tool's performance noticeably decreases. It is generally recommended to fully discharge Ni-MH batteries before recharging to prevent the "memory effect," though modern Ni-MH batteries are

less susceptible.

- **Temperature:** Operate the battery within recommended temperature ranges (typically 0°C to 45°C or 32°F to 113°F). Extreme temperatures can affect performance and lifespan.



*Image: The assembled Seilylanka 9.6V Ni-MH battery pack, showing the arrangement of the cells and their connection points. This represents the final form of the battery pack after self-installation.*

## Maintenance

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Proper maintenance extends the life of your battery pack.

- **Cleaning:** Keep battery terminals clean and free of dirt or corrosion. Use a dry cloth to wipe the battery pack. Do not use liquids.
- **Storage:** If storing the battery for an extended period, ensure it is partially charged (around 40-50% capacity) and stored in a cool, dry place away from direct sunlight and extreme temperatures. Recharge every 3-6 months to prevent deep discharge.
- **Avoid Impact:** Do not drop the battery pack or subject it to strong impacts.



*Image: An alternative view of the Seilylanka 9.6V Ni-MH battery pack, highlighting the overall compact design and the individual cell casings.*

## Troubleshooting

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

Problem	Possible Cause	Solution
Battery not charging	Incompatible charger, faulty charger, poor connection, battery too hot/cold.	Ensure charger is compatible with 9.6V Ni-MH. Check connections. Allow battery to reach room temperature. Test with another charger if possible.
Short run time	Battery not fully charged, aging battery, "memory effect" (less common with modern Ni-MH).	Ensure full charge cycle. Perform a few full discharge/recharge cycles. Consider battery replacement if significantly old.
Tool not powering on	Battery not installed correctly, battery completely discharged, tool malfunction.	Re-check battery installation and connections. Charge the battery. Test the tool with a known working battery if available.



*Image: A close-up view of the Seilylanka 9.6V Ni-MH battery pack, specifically highlighting the terminal connections. This view is crucial for ensuring correct polarity during self-installation.*

## Specifications

Attribute	Detail
Brand	Seilylanka
Model Number	RD-SKI9.6VA(W)
Voltage	9.6 Volts
Capacity	3000 Milliampere Hour (mAh)
Battery Cell Type	Ni-MH (Nickel-Metal Hydride)
Cell Configuration	8x Sub C cells
Item Weight	14.1 ounces (approx. 400 grams)
Reusability	Rechargeable
Compatible Tools	SKIL 9.6 Volts (e.g., SKIL 2201, F015220101, 2610393316)

## Warranty and Support

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For specific warranty information regarding your Seilylanka battery pack, please refer to the purchase documentation or contact the seller directly. As this is a self-installation product, proper installation is crucial for warranty validity.

For technical support or further inquiries, please reach out to the manufacturer or seller through the platform where the product was purchased. Provide your model number (RD-SKI9.6VA(W)) and any relevant purchase details for faster assistance.

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*Information in this manual is subject to change without notice.*