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Eztronics Corp 678103-4

Eztronics Corp Battery Pack User Manual

For Makita 678103-4 7.2V 2.0Ah Ni-MH Battery

INTRODUCTION

This manual provides essential information for the safe and effective use of your Eztronics Corp 7.2V 2.0Ah Ni-MH Battery Pack. This battery is designed as a replacement for Makita 678103-4 and is compatible with various Makita 7.2V cordless tools. Please read this manual thoroughly before installation and operation.

PRODUCT OVERVIEW

The Eztronics Corp 7.2V 2.0Ah Ni-MH Battery Pack is engineered to provide reliable power for your compatible tools. Key features include:

- **Battery Type:** Ni-MH (Nickel-Metal Hydride)
- **Voltage:** 7.2 Volts
- **Capacity:** 2000 mAh (2.0 Ah)
- **Cell Composition:** 4/5 Sub C cells
- **Length:** 103mm (4 inches)

Compatible Makita Models:

- 6076D Cordless Drill
- 6176D Cordless Driver-Drill
- 6176DW Cordless Driver-Drill

Please verify your tool model before purchasing to ensure compatibility, as different models may require specific battery specifications and terminals.

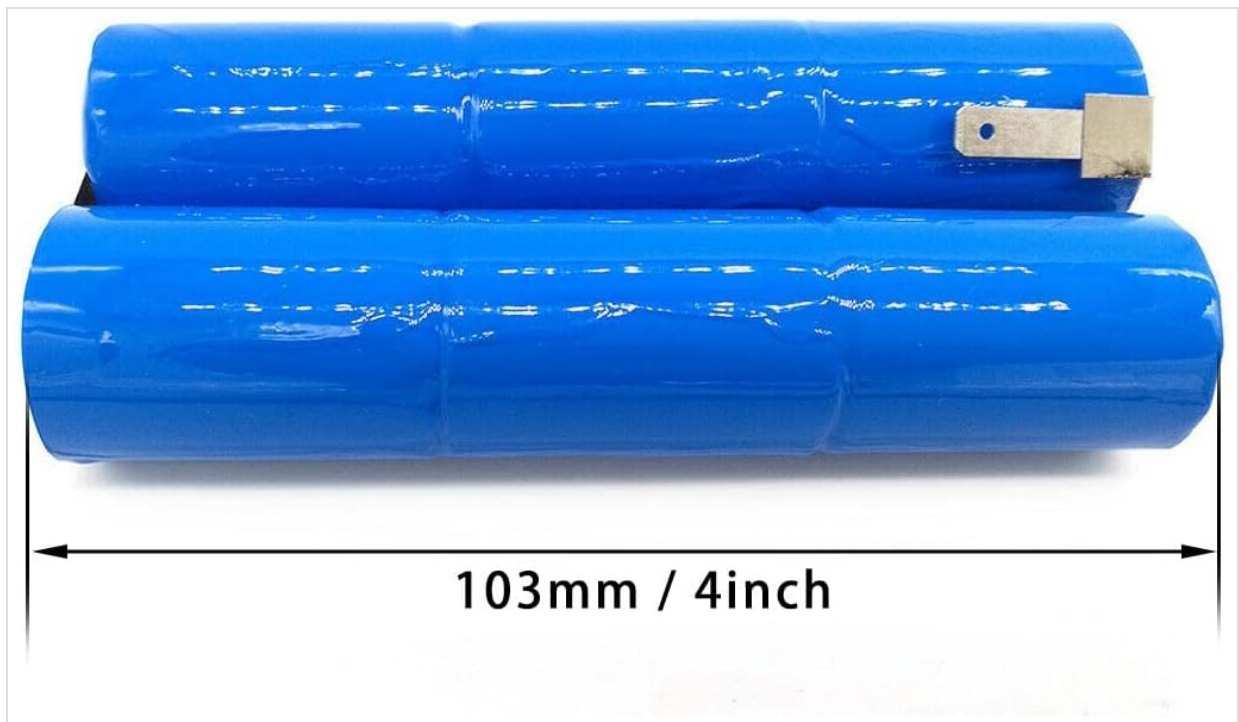


Image: The Eztronics Corp 7.2V Ni-MH battery pack, illustrating its length of 103mm (4 inches).

SETUP AND INSTALLATION

This battery pack is designed for easy installation without the need for soldering. Follow these steps to install the battery into your compatible Makita tool:

1. Ensure the tool is powered off and disconnected from any power source.
2. Locate the battery compartment on your Makita tool.
3. Align the battery pack with the terminals in the tool's battery compartment.
4. Slide the battery pack firmly into place until it clicks securely.
5. To remove, press the battery release button (if present on your tool) and slide the battery out.

OPERATING INSTRUCTIONS

For optimal performance and longevity of your Ni-MH battery pack, observe the following guidelines:

- **Initial Charge:** Fully charge the battery before its first use.
- **Charging:** Use only chargers specifically designed for 7.2V Ni-MH batteries. Overcharging or using incompatible chargers can damage the battery and pose safety risks.
- **Discharging:** For best results, allow the battery to fully discharge before recharging, especially during the first few cycles, to help condition the battery.
- **Temperature:** Operate and charge the battery within recommended temperature ranges (typically 0°C to 40°C or 32°F to 104°F).

MAINTENANCE

Proper maintenance helps extend the life of your battery pack:

- **Cleaning:** Keep battery terminals clean and free of dirt or corrosion. Use a clean, dry cloth to wipe them if necessary.
- **Storage:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the battery to about 50% capacity.
- **Avoid Deep Discharge:** While Ni-MH batteries benefit from occasional full discharge, avoid leaving them in a deeply discharged state for extended periods, as this can reduce their lifespan.

TROUBLESHOOTING

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

- **Battery Not Charging:**
 - Ensure the charger is properly plugged in and receiving power.
 - Check that the battery is correctly seated in the charger.
 - Verify that the charger is compatible with 7.2V Ni-MH batteries.
 - Inspect battery terminals for dirt or damage.
- **Reduced Run Time:**
 - The battery may require several charge/discharge cycles to reach full capacity.
 - Ensure the battery is fully charged before use.
 - Extreme temperatures can affect battery performance.
 - Battery lifespan naturally decreases over time and with use.
- **Battery Overheating During Charge/Use:**
 - Discontinue use immediately.
 - Allow the battery to cool down in a well-ventilated area.
 - Ensure the charger is appropriate for the battery type.
 - If overheating persists, the battery or charger may be faulty.

SPECIFICATIONS

Attribute	Detail
ASIN	B0B28HFSLT
Manufacturer	Eztronics Corp
Battery Cell Composition	NiMH
Battery Capacity	2000 Milliampere Hour (mAh)
Unit Count	1 Count
Voltage	7.2 Volts
Reusability	Single Use
Date First Available	May 25, 2022

SAFETY INFORMATION

Observe the following safety precautions to prevent injury or damage:

- Do not short-circuit the battery terminals.
- Do not expose the battery to water, rain, or moisture.
- Do not store or use the battery in direct sunlight or in locations where the temperature may exceed 50°C (122°F).
- Do not incinerate the battery. It may explode.
- Do not attempt to open, disassemble, or modify the battery pack.
- Keep the battery out of reach of children.
- Dispose of used batteries according to local regulations. Do not dispose of them with household waste.
- If the battery leaks, avoid contact with the fluid. If contact occurs, flush with water and seek medical attention.

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Eztronics Corp battery pack, please contact the manufacturer directly. Refer to your purchase documentation for specific warranty terms and contact details.

Manufacturer: Eztronics Corp