

## ExpertPower I0IBTPMK7K15C

# ExpertPower 7.2V 1500mAh NiCd Battery User Manual

Model: I0IBTPMK7K15C

## INTRODUCTION

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This manual provides instructions for the safe and effective use of your ExpertPower 7.2V 1500mAh NiCd replacement battery. Please read this manual thoroughly before using the battery to ensure optimal performance and safety.

These batteries are designed as direct replacements for various Makita 7.2V power tools.

## SAFETY INFORMATION

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**WARNING: Improper use of batteries can result in fire, explosion, or other hazards.**

- Do not short-circuit the battery terminals.
- Do not expose the battery to water or moisture.
- Do not store the battery in direct sunlight or high temperatures.
- Do not incinerate or dispose of the battery in fire.
- Do not attempt to disassemble or modify the battery.
- Keep batteries out of reach of children.
- Use only chargers specifically designed for NiCd batteries.
- If the battery leaks, avoid contact with skin and eyes. Rinse immediately with water and seek medical attention.

## PRODUCT FEATURES

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- **Brand New:** Ensures fresh performance.
- **Ni-Cd Chemistry:** Nickel-Cadmium battery type.
- **7.2 Volts:** Standard voltage for compatible tools.
- **1500 mAh Capacity:** Provides ample power for extended use.
- **Built-in Circuit Protection:** Prevents overheating, short circuits, and overcharging.
- **High Quality Materials:** Constructed for durability and reliability.

## COMPATIBILITY

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This ExpertPower battery is a replacement for Makita part numbers: **191679-9, 192532-2, 192695-4, 632002-4, 632003-2, 7000, 7002, 7033.**

It is compatible with the following Makita power tool models:

- 3700D, 3700DW
- 4071D, 4073D
- 4307D, 4307DW
- 4770D
- 6002D, 6002DW, 6002DWK
- 6010D, 6010DL, 6010DW, 6010DWK
- 6012D, 6012DL, 6012DW, 6012DWK
- 6015DWE, 6015DWK
- 6016DW
- 6017DWBE, 6017DWE
- 6018D, 6018DWBE, 6018DWE
- 6019D, 6019DW, 6019DWBE, 6019DWE, 6019DWLE
- 6022DW
- 6071DW, 6071DWK
- 6072DL, 6072DW, 6072DWK
- 6073D, 6073DW
- 6075D, 6075DW
- 6172D, 6172DW
- 6710D, 6710DW
- 6912D, 6912DW
- 9035D, 9035DW
- 9200D
- 9500D, 9500DW
- DA3000D, DA3000DW
- DA301D, DA301DW
- DA302D, DA302DW, DA302DWB
- ML700 (Flashlight), ML701, ML702
- UH1070DW, UH3000D, UH3000DW, UH3070DW
- UM1000D, UM1200DW, UM1270DW

## SETUP AND INSTALLATION

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1. **Initial Charge:** For optimal performance, fully charge the battery before its first use. Refer to the "Charging" section for details.
2. **Inserting the Battery:**
  - Align the battery with the battery slot on your compatible Makita power tool.
  - Slide the battery into the tool until it clicks securely into place. Ensure it is fully seated and does not wobble.
3. **Removing the Battery:**
  - Locate the battery release button(s) on your power tool.

- Press and hold the release button(s) while sliding the battery out of the tool.



Image: Two ExpertPower 7.2V NiCd batteries. These batteries are designed for compatibility with various Makita power tools.

## CHARGING

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Use only a charger specifically designed for 7.2V NiCd batteries. Using an incompatible charger can damage the battery or cause safety hazards.

1. Connect your NiCd battery charger to a power outlet.
2. Insert the ExpertPower battery into the charger, ensuring proper alignment.
3. Observe the charger's indicator lights. A typical NiCd charger will show a red light during charging and a green light when fully charged. Refer to your charger's manual for specific indicator meanings.
4. Allow the battery to charge completely. Overcharging NiCd batteries can reduce their lifespan, though built-in protection helps mitigate this.
5. Once charged, remove the battery from the charger.

**Note:** NiCd batteries can develop a "memory effect" if repeatedly recharged after only being partially discharged. To minimize this, it is recommended to fully discharge NiCd batteries before recharging them

periodically.

## OPERATING

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Once the battery is fully charged and securely installed in your compatible Makita power tool, the tool is ready for operation according to its own user manual. Always follow the safety guidelines provided with your power tool.

- Ensure the battery is clean and free of debris before insertion.
- Do not force the battery into the tool or charger.
- Monitor battery performance during use. If the tool's power significantly decreases, it's time to recharge the battery.

## MAINTENANCE

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- **Cleaning:** Keep battery terminals clean and free of dirt or corrosion. Use a dry cloth to wipe them if necessary.
- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is advisable to store NiCd batteries in a discharged state.
- **Cycle Life:** NiCd batteries have a finite number of charge/discharge cycles. Proper charging and storage can help maximize their lifespan.
- **Avoid Deep Discharge:** While NiCd batteries benefit from occasional full discharge to combat memory effect, consistently running them completely dead can stress the battery.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in Faulty charger Battery not properly seated Damaged battery	Check power connection Try another charger (if available) Re-insert battery firmly Contact ExpertPower support
Short run time	Battery not fully charged Memory effect Battery nearing end of life	Ensure full charge cycle Perform a full discharge/recharge cycle Consider battery replacement
Battery gets hot during charging/use	Normal for NiCd (mild warmth) Overcharging Internal fault	Monitor temperature; if excessively hot, discontinue use Ensure charger is compatible and not overcharging Discontinue use and contact ExpertPower support

## SPECIFICATIONS

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- **Battery Type:** NiCd (Nickel-Cadmium)

- **Voltage:** 7.2 Volts
- **Capacity:** 1500 mAh (Milliampere Hour)
- **Model Number:** I0IBTPMK7K15C
- **Product Dimensions:** 1.94 x 1.11 x 5.3 inches
- **Item Weight:** 1.4 pounds (Total weight for 2 batteries)
- **Manufacturer:** ExpertPower

## BATTERY DISPOSAL

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NiCd batteries contain cadmium, a toxic heavy metal. Do not dispose of these batteries in household waste. Always dispose of NiCd batteries responsibly at designated recycling centers or according to local regulations. Many retailers that sell rechargeable batteries also offer recycling programs.

Proper disposal helps protect the environment and prevents potential health hazards.

## WARRANTY AND SUPPORT

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For warranty information or technical support regarding your ExpertPower battery, please contact ExpertPower customer service directly. Refer to the packaging or the ExpertPower website for current contact details.

ExpertPower products are tested to match and/or exceed specifications of OEM products and are made with high-quality materials.