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› Waitley 18V 2.5Ah Lithium-Ion Replacement Battery (Model WTL1830B) for Makita Power Tools - User Manual

Waitley WTL1830B

Waitley 18V 2.5Ah Lithium-Ion Replacement Battery (Model WTL1830B)

User Manual

1. INTRODUCTION AND SAFETY INFORMATION

Thank you for choosing the Waitley 18V 2.5Ah Lithium-Ion Replacement Battery. This manual provides essential information for the safe and effective use of your battery. Please read it thoroughly before use and retain it for future reference.

Important Safety Warnings:

- This battery is **not compatible with rapid chargers**. Always use a slow charger.
- Only use this battery with **Makita genuine chargers or Waitley brand chargers**. Using incompatible chargers may cause damage or safety hazards.
- To prevent damage and prolong battery life, **remove the battery from the charger immediately after it is fully charged**.
- To protect the battery's lifespan, **always remove the battery from the power tool after use**.
- **Charge the battery before it completely runs out of power** to avoid deep discharge, which can shorten its lifespan.
- Do not expose the battery to water, heat, or direct sunlight.
- Do not attempt to disassemble, modify, or repair the battery.
- Keep out of reach of children.

2. PRODUCT SPECIFICATIONS

The Waitley WTL1830B battery offers reliable power for your compatible tools.

BL1830B薄型 バッテリー

電圧

18V

容量

2500mAh

タイプ

リチウムイオン電池



PS
E

PSE

CE

CEマーク取得済

Image 2.1: Waitley 18V 2.5Ah Lithium-Ion Battery showing key specifications and certifications.

Table 2.1: Technical Specifications

Feature	Specification
Model Number	WTL1830B
Battery Type	Lithium-Ion
Voltage	18V
Capacity	2.5Ah (2500mAh)
Weight per unit	Approximately 350g
Certifications	PSE, CE

Feature	Specification
Features	LED remaining capacity display, Self-diagnosis, Multiple circuit protection (overcharge, over-discharge, overheat, short-circuit, overcurrent)
Dimensions	11.5 x 7.5 x 5.2 cm

Compatibility:

This battery is designed to be compatible with a wide range of Makita 18V and 14.4V power tools. It functions similarly to genuine Makita batteries such as BL1815B, BL1820B, BL1840B, BL1850B, BL1860B, BL1870B, 194205-3, 194230-4, and LXT400.



Image 2.2: The Waitley battery is compatible with a variety of Makita 18V power tools.

3. SETUP AND INSTALLATION

Installing the Waitley battery into your compatible power tool is a straightforward process.

Installation Steps:

1. Ensure the power tool is turned off and disconnected from any power source.
2. Align the battery with the battery slot on your power tool.
3. Slide the battery into the slot until it clicks securely into place. The non-slip button helps ensure a firm attachment.
4. To remove the battery, press the release button (if present on your tool) and slide the battery out.



Image 3.1: Detailed view of battery features including metal terminals, non-slip button, and LED indicator.

4. OPERATING INSTRUCTIONS

Once installed, the battery powers your tool for various tasks. The integrated LED indicator provides real-time battery status.

Checking Battery Charge:

- Press the 'PUSH' button next to the LED indicators on the battery.
- The LED lights will illuminate, indicating the remaining charge level.

Charging the Battery:

- Connect the battery to a compatible Makita genuine charger or Waitley brand slow charger.
- Monitor the charger's indicator lights for charging status.
- Once fully charged, immediately remove the battery from the charger to prevent overcharging and prolong battery life.



Image 4.1: The battery powering various power tools during operation.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Waitley battery.

- **Storage:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Keep the battery terminals clean and free from dust and debris. Use a dry cloth to wipe the battery.
- **Charging Cycle:** Avoid completely draining the battery before recharging. Charge it when the power level is low but not fully depleted.
- **Protection Features:** The battery includes multiple circuit protection features such as overcharge protection, over-discharge protection, overheat protection, short-circuit protection, and overcurrent protection to ensure safe operation.



Image 5.1: Diagram of the battery's multiple circuit protection features.

Waitley 新品BL1830薄型 バッテリー



2500mAh



過充電保護



過熱保護



電池ごとの電圧監視と制御機能も搭載

Image 5.2: Internal view of the battery, demonstrating its protective circuitry.

6. TROUBLESHOOTING

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

- **Battery Not Charging:**

- Ensure the charger is properly plugged into a working power outlet.
- Verify that the battery is correctly seated in the charger.
- Confirm that you are using a compatible slow charger (Makita genuine or Waitley brand). Rapid chargers are not supported.
- Check for any visible damage to the battery or charger.

- **Tool Not Operating:**

- Ensure the battery is fully charged and securely installed in the tool.

- Check the battery's LED indicator for remaining charge.
- If the battery is hot, allow it to cool down before use. The overheat protection may have activated.
- Test the tool with another known-good battery if available.

- **Reduced Run Time:**

- Battery capacity can decrease over time with repeated use.
- Ensure the battery is being fully charged each time.
- Avoid deep discharges to maximize battery lifespan.

If problems persist after attempting these steps, please contact customer support.

7. WARRANTY AND SUPPORT

Warranty Information:

This Waitley battery product comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures peace of mind during your use.

Customer Support:

Should you encounter any issues or have questions regarding your product, please do not hesitate to contact the seller directly. We are committed to providing the best possible solution as quickly as possible.

To contact the seller, please refer to your purchase platform or documentation for seller contact details. Typically, this can be found through your order history by selecting the product and choosing the 'Contact Seller' option.

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