

BL1830

Generic 3.0Ah 18V BL1830 Replacement Battery User Manual

PRODUCT OVERVIEW

This manual provides instructions for the Generic 3.0Ah 18V BL1830 Lithium-ion replacement battery. This battery is designed to be compatible with a range of Makita 18V cordless power tools and original Makita chargers.



Image: The Generic 3.0Ah 18V BL1830 replacement battery, showing its overall design and branding.

Excellent after -sales service

**30 Days
Return**

**365 Days
Replacement**

1. Enter into "Your Orders" to click "Contact Seller" option;
2. Click "Ask a question" on our storefront. We will get back to you within 24 hours

Image: A visual summary highlighting features such as 'A Grade Battery Cells', 'Perfect Compatibility', '500 Cycles >70% Capacity', and 'Easy to install'.

Key Specifications

- Battery Model: BL1830
- Cell Type: Li-ion
- Voltage: 18V
- Capacity: 3000mAh / 3.0Ah
- Composition: Lithium-ion

Compatible Part Numbers

- Makita 194204-5, 194205-3, 194309-1
- BL1815, BL1830, BL1835, LXT400, BL1825, BL1820, BL1840, BL1845, BL1850, BL1860
- BL1830B, BL1840B, BL1850B, BL1860B, BL1815N, BL1820B

Compatible Tool Models (Partial List)

- BCS550Z, BDA350, BDA350Z, BDF451, BDF451Z, BDF453SHE, BDF454Z
- BFR550L, BFR550Z, BFR750, BFR750L, BFR750Z, BFS450RFE, BFS450Z

- BGA452, BGA452Z, BHP451SFE, BHP451Z, BHP452, BHP453, BHP453SHE, BHP454, BHP454Z
- BHR202RFE, BHR202Z, BJV180, BJV180Z, BML184, BML185, BPB180, BPB180Z
- BSS501, BSS501Z, BBSS610, BSS610SFE, BSS610X2, BSS610Z, BSS611X, BSS611Z, BST221Z
- BTD140, BTD140SFE, BTD140Z, BTD141, BTD141Z, BTD144, BTD144RFE, BTD144Z, BTDW251Z
- BTL061, BTL061Z, BTL063, BTL063Z, BTP140, BTP140Z, BTW251, BTW251Z, BTW253, BTW253Z
- BTW450, BTW450Z, BUB182, BUB182Z, BVR350, BVR350Z, BVR450, BVR450Z, DF454DZ
- HP454D, HP454DRFX, HP454DZ, HR202, HR202D, HR202DRFX, HR202DZK, JR120D, JR120DRF, JR120DZK
- ML184(FlashLight), ML184, ML185, MR100, MR100W, PB108D, PB108DRFX, PB108DZ
- TD140D, TD144DRFX, TD144DZ, TD251DRFX, TD251DZ, TW251D

SAFETY INFORMATION

Read and understand all safety warnings and instructions before using this battery. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Charging:** Use only chargers specified by the manufacturer for Lithium-ion batteries. Using an incompatible charger may create a risk of fire.
- **Storage:** Store the battery away from metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- **Handling:** Do not open, disassemble, or attempt to repair the battery pack. Do not crush, drop, or damage the battery.
- **Temperature:** Do not expose the battery to extreme temperatures (above 50°C / 122°F or below -20°C / -4°F) or direct sunlight.
- **Moisture:** Do not expose the battery to water or rain.
- **Disposal:** Dispose of used batteries according to local regulations. Do not dispose of batteries in household waste or by incineration.
- **Damage:** If the battery is damaged, do not use it. Contact support for assistance.

SETUP AND INSTALLATION

This section describes how to properly install and remove the battery from your compatible Makita 18V cordless power tools.

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 the power tool.
3. Slide the battery into the slot until it clicks securely into place. Ensure it is fully seated and does not wobble.



Image: An angled view of the battery, illustrating its connection interface for installation into a compatible tool.

Removing the Battery

1. Ensure the power tool is turned off.
2. Locate the battery release button(s) on the tool.
3. Press and hold the release button(s) while sliding the battery out of the tool.

OPERATING INSTRUCTIONS

Proper use and charging practices will extend the life and performance of your battery.

Charging the Battery

1. Connect your compatible Makita 18V charger to a power outlet.

2. Slide the battery into the charger until it clicks into place.
3. Monitor the charger's indicator lights for charging status. Refer to your charger's manual for specific light patterns.
4. Once fully charged, remove the battery from the charger.

Important: Do not leave the battery on the charger indefinitely after it is fully charged. Overcharging can reduce battery life.



Image: An angled view of the battery, clearly showing the '18V 3.0Ah Li-ion' labeling.

Battery Level Indicator

Some compatible tools or the battery itself may feature a battery level indicator. Press the indicator button (if present) to check the remaining charge. Typically, multiple illuminated bars or LEDs indicate a higher charge.



Image: Top view of the battery, showing the battery release mechanism and a potential location for a charge indicator button.

Optimal Performance

- Allow the battery to cool down before charging if it has been heavily used.
- Avoid completely draining the battery before recharging.
- For best results, charge the battery in a well-ventilated area at room temperature.

MAINTENANCE

Regular maintenance helps ensure the longevity and safe operation of your battery.

Cleaning

- Keep the battery terminals clean and free of dirt or debris. Use a dry cloth to wipe them if necessary.
- Do not use solvents or harsh chemicals to clean the battery.

Storage

- When not in use for extended periods, store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to store the battery with a partial charge (around 50%).
- Avoid storing the battery in a completely discharged state, as this can lead to irreversible damage.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Battery does not charge.	<ul style="list-style-type: none"> • Battery not properly seated in charger. • Charger malfunction. • Battery is too hot or too cold. • Battery is defective. 	<ul style="list-style-type: none"> • Ensure battery is fully inserted into the charger. • Try a different charger (if available) or test the charger with another known good battery. • Allow battery to reach room temperature before charging. • If issues persist, contact customer support.
Battery does not power tool.	<ul style="list-style-type: none"> • Battery not fully charged. • Battery not properly installed in tool. • Battery terminals are dirty. • Battery is defective. 	<ul style="list-style-type: none"> • Charge the battery fully. • Ensure battery is securely clicked into the tool. • Clean battery and tool terminals with a dry cloth. • If issues persist, contact customer support.
Reduced run time.	<ul style="list-style-type: none"> • Battery is old or nearing end of life. • Operating in extreme temperatures. • Heavy tool usage. 	<ul style="list-style-type: none"> • Consider replacing the battery. • Use the tool and battery within recommended temperature ranges. • Ensure proper charging and storage practices.

SPECIFICATIONS

Detailed technical specifications for the Generic 3.0Ah 18V BL1830 Replacement Battery.

Battery Model:	BL1830
Cell Type:	Lithium Ion (Li-ion)
Voltage:	18 Volts
Capacity:	3000mAh / 3.0 Amp Hours
Reusability:	Rechargeable
Weight:	Approximately 1 Pound

Compatible Part

Numbers: 194204-5, 194205-3, 194309-1, BL1815, BL1830, BL1835, LXT400, BL1825, BL1820, BL1840, BL1845, BL1850, BL1860, BL1830B, BL1840B, BL1850B, BL1860B, BL1815N, BL1820B

Recommended Uses: Cordless Power Tools, Electric tools

Manufacturer: Shenzhen Damaite Technology Co., Ltd

WARRANTY AND SUPPORT

This product comes with a 1-year warranty.

For warranty claims, technical support, or any questions regarding your Generic 3.0Ah 18V BL1830 Replacement Battery, please contact the seller directly.



Image: Information regarding after-sales service, including '30 Days Return' and '365 Days Replacement' policies, along with instructions on how to contact the seller.

To contact support:

1. Go to your order history on the purchasing platform.
2. Locate your order for this product.
3. Click on the "Contact Seller" option or "Ask a question" on the storefront.

The manufacturer aims to respond within 24 hours.

