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› [POWTREE 18V 8.0Ah LXT Lithium-ion Replacement Battery User Manual](#)

POWTREE BL1830 8.0AH

POWTREE 18V 8.0Ah LXT Lithium-ion Replacement Battery Manual

Model: BL1830 8.0AH

PRODUCT OVERVIEW

This manual provides essential information for the safe and efficient use of your POWTREE 18V 8.0Ah LXT Lithium-ion Replacement Battery. Please read this manual thoroughly before use and retain it for future reference.



Image: Two POWTREE 18V 8.0Ah LXT Lithium-ion Replacement Batteries, showcasing their design and 8.0Ah capacity.

SETUP

Initial Charging

Before first use, it is recommended to fully charge the battery. Use a compatible 18V LXT charger. The battery features an LED indicator to display the charging status.

Compatibility

The POWTREE 18V 8.0Ah LXT Lithium-ion Replacement Battery is 100% compatible with all 18-volt LXT tools and chargers. This includes models such as BL1830, BL1840, BL1850, BL1860, BL1815, BL1845, BL1835, 194205-3, 194309-1, 194204-5, bcl180, bcl180fbcl180w, bcl180z, bcl180zw, and LXT400 series tools.

LED Lights Indicators

The indicator will inform you of the battery status, avoid over-discharge to prolong life! Press the confirmation button to display the 3 stages of remaining capacity.

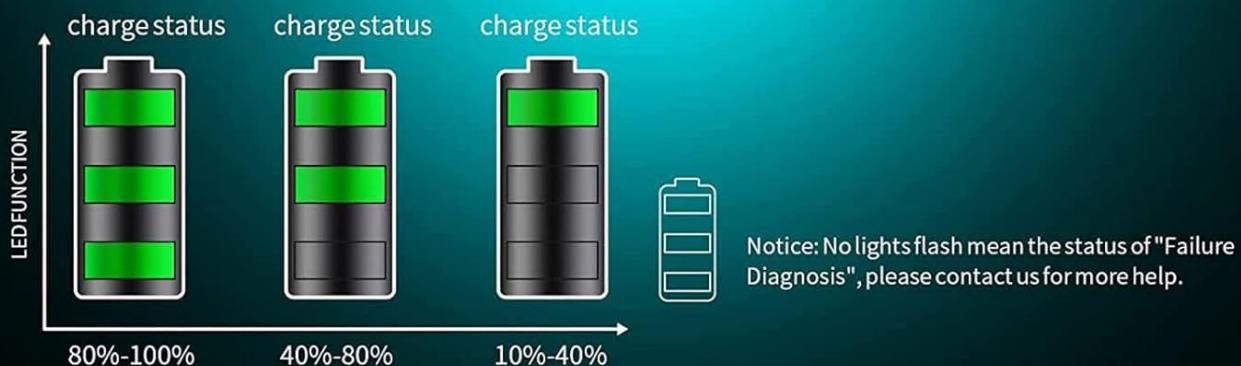


Image: A POWTREE battery highlighting its LED charge indicators, which show the remaining power in three stages (80-100%, 40-80%, 10-40%).

Battery Specification

8000 mAh

18V

Li-Ion

New

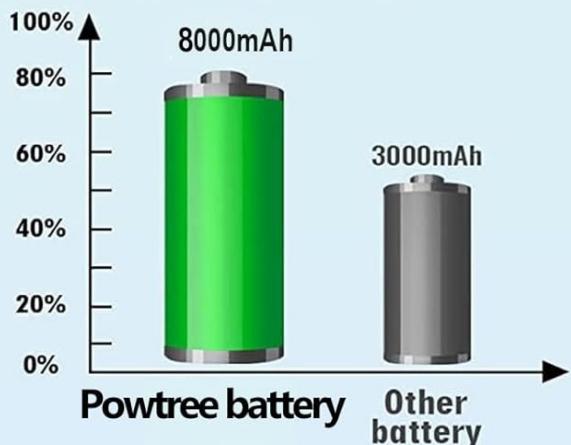


Image: Visual representation of the battery's key specifications: 8000mAh capacity, 18V voltage, Lithium-ion type, and new condition.

Actual
8.0Ah
 UP TO **55%**
MORE CAPACITY

Than The COMMON Replacement
 LXxT 18v 8.0Ah Battery

8.0Ah Battery's Actual Capacity Compare



 Longer life compared to other batteries



Life Time +
3X

Running Time +3X
 Continuous Working Time +
3X

Charging and
 Discharging Times
>1000 Times

Image: Features of the POWTREE battery including LED indicators, a quick button for checking charge, an accurate interface for tool connection, and claims of extended life and running time, along with over 1000 charging cycles.

OPERATING INSTRUCTIONS

Inserting and Removing the Battery

Align the battery with the battery slot on your compatible 18V LXT power tool. Slide the battery firmly until it clicks into place. To remove, press the release button (if applicable on your tool) and slide the battery out.

General Usage

This Lithium-ion battery has no memory effect, allowing it to be charged or discharged as needed without loss of capacity. It also features low self-discharge, retaining its charge for longer periods when not in use.

LED Charge Level Indicator

The battery is equipped with an LED indicator to show the remaining power. Press the confirmation button on the battery

to display the three stages of remaining capacity:

- **80%-100%:** Full to near-full charge.
- **40%-80%:** Moderate charge.
- **10%-40%:** Low charge, consider recharging soon.

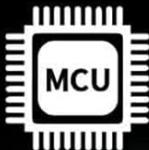
If no lights flash, it may indicate a "Failure Diagnosis." In such cases, please refer to the Troubleshooting section or contact customer support.

High-efficient & Long-lasting

Bring Your 18V Power Tools A New Life

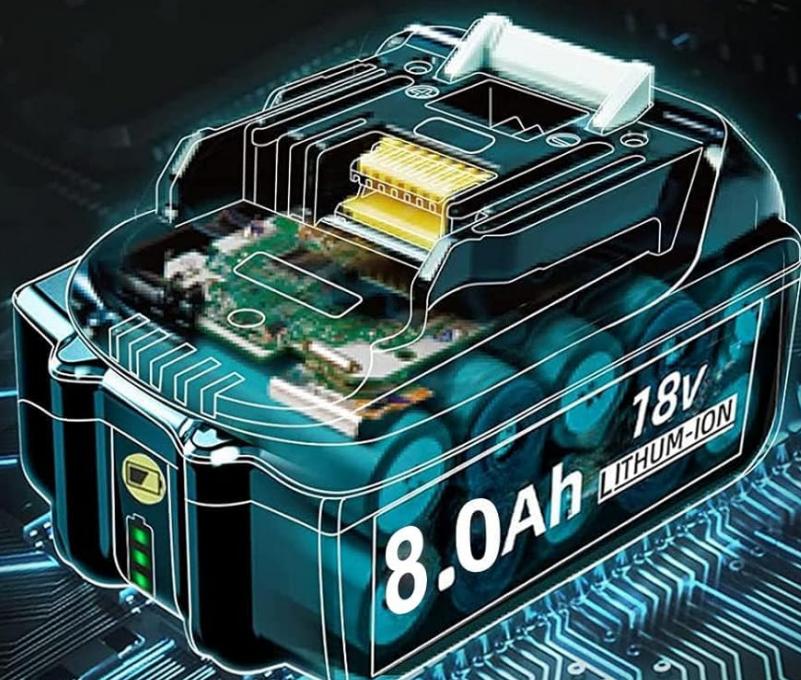


Image: The POWTREE battery integrated into various 18V power tools, demonstrating its versatility and high-efficiency performance in different applications.



Intelligent MCU Chip Protection

Accurately monitor the current, voltage and temperature of each battery cell



OVERLOAD PROTECTION

allows battery and tools to communicate to protect from overload



OVER-DISCHARGE PROTECTION

extends battery life by stopping tools when battery capacity is low



OVERHEAT PROTECTION

monitors battery temperature, stopping tools before battery is damaged

Image: Diagram illustrating the intelligent MCU chip protection features of the POWTREE battery, including safeguards against overload, over-discharge, and overheating to enhance battery life and safety.

MAINTENANCE

Charging Practices

To maximize battery lifespan, avoid consistently over-charging or completely over-discharging the battery. The battery's rapid-charge technology and built-in protections help prevent these issues, but good charging habits are still recommended.

Storage

Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is advisable to store the battery with a partial charge (around 50%).

Cleaning

Keep the battery contacts clean and free from dust and debris. Use a dry cloth to wipe the battery exterior as needed.

Safety Features

The battery incorporates several safeguard features to ensure safe operation:

- Overload Protection:** Allows the battery and tools to communicate to prevent overload.
- Over-Discharge Protection:** Extends battery life by stopping tools when battery capacity is low.
- Overheat Protection:** Monitors battery temperature, stopping tools before the battery is damaged.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Battery not charging.	Charger not connected, battery too hot/cold, charger malfunction, battery fault.	Ensure charger is properly connected. Allow battery to reach room temperature. Try a different charger. If no LED lights flash, contact support.
Battery not powering tool.	Battery discharged, poor connection, tool malfunction, battery fault.	Check LED indicator for charge level and recharge if necessary. Ensure battery is fully seated in the tool. Test with another battery or tool. If issues persist, contact support.
LED indicator shows "Failure Diagnosis" (no lights flash).	Internal battery fault.	Discontinue use immediately. Do not attempt to repair. Contact customer support for assistance.

SPECIFICATIONS

Feature	Detail
Battery Type	Li-ion
Voltage	18V
Capacity	8000mAh (8.0Ah)
Color	Black
Dimensions (L x W x H)	5.98 x 5.24 x 3.98 inches
Item Weight	12.3 ounces
Manufacturer	POWTREE
Model Number	BL1830 (Compatible with BL1815, etc.)
Cycle Life	>1000 times

WARRANTY AND SUPPORT

Warranty Information

POWTREE provides the following warranty for this product:

- **30 Days:** Full refund and return policy.
- **365 Days:** Limited warranty from the date of purchase.

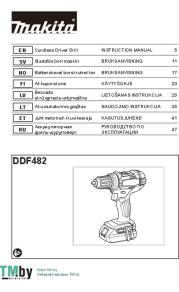
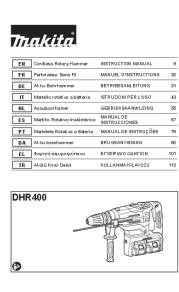
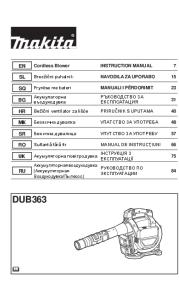
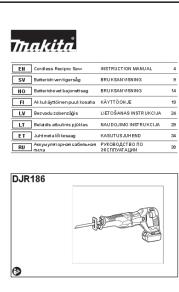
Customer Support

If you have any concerns about this item or require assistance, please feel free to contact POWTREE customer service.

We aim to provide 24-hour service to ensure an enjoyable shopping experience.

For support, please visit the POWTREE store on Amazon or use the contact methods provided with your purchase documentation.

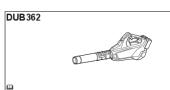
Related Documents - BL1830 8.0AH

 Makita DDF482 Cordless Driver Drill Instruction Manual Comprehensive instruction manual for the Makita DDF482 Cordless Driver Drill, covering specifications, safety guidelines, operating procedures, maintenance, and optional accessories.
 Makita DHR400 Cordless Rotary Hammer Instruction Manual Comprehensive instruction manual for the Makita DHR400 Cordless Rotary Hammer, covering specifications, safety warnings, operation, assembly, maintenance, and troubleshooting.
 Makita DUB363 Cordless Blower: Instruction Manual and Operating Guide Comprehensive instruction manual for the Makita DUB363 Cordless Blower. Covers operation, safety, maintenance, and specifications for efficient blowing and vacuuming tasks.
 Makita DJR186 Cordless Recipro Saw Instruction Manual Comprehensive instruction manual for the Makita DJR186 Cordless Recipro Saw, detailing safe operation, maintenance, and specifications for sawing wood, plastic, and ferrous materials.



[Makita DUB362 Cordless Blower Instruction Manual](#)

This comprehensive instruction manual for the Makita DUB362 Cordless Blower provides detailed safety guidelines, operating procedures, maintenance instructions, and technical specifications. Available in multiple languages including English, Ukrainian, Polish, Romanian, German, Hungarian, Slovak, and Czech, it ensures users worldwide can safely and effectively operate their Makita tool.



[Makita DUB363 Cordless Blower Instruction Manual](#)

Instruction manual for the Makita DUB363 cordless blower and vacuum, detailing specifications, safety warnings, assembly, operation, maintenance, and troubleshooting.

