

## BLACK+DECKER BL1518-XJ

# BLACK+DECKER BL1518-XJ 18V 1.5Ah Lithium-Ion Battery User Manual

Model: BL1518-XJ

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective use of your BLACK+DECKER BL1518-XJ 18V 1.5Ah Lithium-Ion battery. This battery is designed for use with all BLACK+DECKER 18V Li-Ion garden and power tools from the F5 generation, utilizing the Powerconnect battery platform. Please read this manual thoroughly before first use and keep it for future reference.

Key features of this battery include:

- 1.5Ah Lithium-Ion technology for consistent power.
- Compatible with a wide range of BLACK+DECKER 18V tools.
- Low self-discharge rate, maintaining charge when not in use.
- No memory effect, allowing charging at any time without reducing battery life.

## 2. SAFETY INFORMATION

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Always observe basic safety precautions when using battery-powered tools to reduce the risk of fire, battery leakage, personal injury, and material damage. Keep this battery away from children.

### General Battery Safety Warnings:

- **Do not** disassemble, open, or shred battery cells or packs.
- **Do not** short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.
- **Do not** expose battery packs to heat or fire. Avoid storage in direct sunlight.
- **Do not** subject battery packs to mechanical shock.
- In the event of battery leakage, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- **Do not** use any charger other than that specifically provided for use with the equipment.
- **Do not** use any battery pack which is not designed for use with the equipment.
- Keep battery packs clean and dry.
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

- Store battery packs in their original packaging until ready to use.
- Observe plus (+) and minus (-) marks on the battery and equipment and ensure correct use.

### 3. SETUP AND CHARGING

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Before first use, the battery pack must be charged. Always use an official BLACK+DECKER 18V Lithium-Ion charger (sold separately) for optimal performance and safety.

#### Charging Procedure:

1. Connect the charger to a suitable power outlet.
2. Slide the battery pack onto the charger. Ensure it clicks into place securely.
3. The charger's indicator light will show the charging status. Refer to your charger's manual for specific light patterns.
4. Once fully charged, remove the battery pack from the charger.

*Note: New battery packs are not fully charged and require charging before first use. The battery can be charged at any time without affecting its lifespan due to the absence of memory effect.*



Image: The BLACK+DECKER BL1518-XJ 18V 1.5Ah Lithium-Ion battery. This image shows the battery unit itself, highlighting its compact design and branding.

### 4. OPERATING THE BATTERY WITH TOOLS

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The BL1518-XJ battery is designed for easy installation and removal from compatible BLACK+DECKER 18V Powerconnect tools.

#### Installing the Battery:

1. Align the battery pack with the battery port on your BLACK+DECKER 18V tool.
2. Slide the battery into the tool until you hear a click, indicating it is securely locked in place.
3. Ensure the battery is fully seated before operating the tool.



Image: A hand inserting the BLACK+DECKER 18V 1.5Ah Lithium-Ion battery into a compatible drill. This demonstrates the correct method for attaching the battery to a power tool.



Image: The BLACK+DECKER 18V 1.5Ah Lithium-Ion battery fully inserted and securely attached to a drill, ready for use. This shows the battery flush with the tool's handle.

## Removing the Battery:

1. Locate the battery release button on the tool or battery.
2. Press and hold the release button.
3. Slide the battery pack out of the tool.



Image: A user operating a BLACK+DECKER 18V garden tool with the BL1518-XJ battery installed. This illustrates the battery's compatibility with various tools, including outdoor equipment.

## 5. MAINTENANCE AND STORAGE

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Proper maintenance and storage will extend the life of your BLACK+DECKER Lithium-Ion battery.

### Cleaning:

- Keep the battery pack clean and free of dirt, dust, and debris.
- Use a clean, dry cloth to wipe the exterior of the battery. Do not use water or cleaning solutions.
- Ensure the battery terminals are clean and free of corrosion.

### Storage:

- Store the battery pack in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to store Lithium-Ion batteries at approximately 50% charge.
- Do not store the battery pack with metal objects that could short-circuit the terminals.
- If storing for extended periods, periodically check the charge and recharge if necessary to prevent deep discharge.



Image: The BLACK+DECKER 18V 1.5Ah Lithium-Ion battery placed on a workbench alongside a drill and accessories, illustrating a typical storage or preparation scenario.

## 6. TROUBLESHOOTING

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If you encounter issues with your battery, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; faulty charger; battery too hot/cold; damaged battery.	Ensure charger is properly connected. Try a different outlet. Allow battery to reach room temperature. Inspect battery and charger for damage. If damaged, do not use.
Tool not operating with charged battery	Battery not fully inserted; tool malfunction; battery terminals dirty.	Ensure battery is clicked into place. Clean battery and tool terminals. Test battery with another compatible tool if available. If tool still doesn't work, consult tool's manual.
Reduced run time	Battery nearing end of life; extreme operating conditions; improper charging.	Ensure battery is fully charged before use. Avoid operating in very hot or cold conditions. Consider replacing the battery if it consistently provides significantly reduced run time.

If these steps do not resolve the issue, please contact BLACK+DECKER customer support.

## 7. SPECIFICATIONS

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- **Model Number:** BL1518-XJ
- **Brand:** BLACK+DECKER

- **Battery Type:** Lithium-Ion
- **Voltage:** 18V
- **Capacity:** 1.5Ah
- **Color:** Black
- **Weight:** Approximately 356 Grams
- **Reusability:** Rechargeable
- **Country of Origin:** China
- **Recommended Use:** Power Tools

## 8. WARRANTY AND SUPPORT

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BLACK+DECKER products are manufactured to high-quality standards and are guaranteed against manufacturing defects. For specific warranty terms and conditions, please refer to the warranty card included with your original product purchase or visit the official BLACK+DECKER website.

### Customer Support:

For technical assistance, spare parts, or repair services, please contact your local BLACK+DECKER service center or visit the official BLACK+DECKER support page. Always provide the model number (BL1518-XJ) when seeking support. You can find more information and contact details on the official BLACK+DECKER website [www.blackanddecker.com](http://www.blackanddecker.com)