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Kobalt KB124-03

Kobalt KB124-03 24V MAX 1.5 Ah Lithium Ion Battery User Manual

Model: KB124-03

Introduction

This user manual provides essential information for the safe and effective use of your Kobalt KB124-03 24V MAX 1.5 Ah Lithium Ion Battery. This battery is designed to power all Kobalt 24-volt max cordless tools, delivering consistent, fade-free power. Please read this manual thoroughly before using the battery and retain it for future reference.



Figure 1: Front view of the Kobalt KB124-03 24V MAX 1.5 Ah Lithium Ion Battery.

Important Safety Instructions

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always use the battery with compatible Kobalt 24-volt max chargers (sold separately). Using an incompatible

charger may cause fire or injury.

- Do not expose the battery to water or rain. Water entering a battery pack will increase the risk of electric shock.
- Do not store or use the battery in locations where the temperature may reach or exceed 105°F (40°C) (e.g., outside sheds or metal buildings in summer).
- Do not incinerate the battery pack even if it is severely damaged or completely worn out. The battery pack can explode in a fire.
- Do not short-circuit the battery terminals. Shorting the battery terminals may cause burns or fire.
- Do not disassemble, crush, or drop the battery.
- If battery fluid comes into contact with skin, wash immediately with soap and water. If fluid gets into eyes, rinse with water for 15 minutes and seek medical attention.
- Keep the battery pack away from metal objects like keys, coins, paper clips, and other small metal objects that can make a connection from one terminal to another.
- Recharge only with the charger specified by the manufacturer.
- Do not modify or attempt to repair the battery pack.



Figure 2: Bottom view of the battery, showing electrical contacts and warning labels.

Setup and Charging

Charging the Battery

The Kobalt KB124-03 battery requires a compatible Kobalt 24-volt max charger (e.g., KRC 2440-03, KRC 2490-03), which is sold separately.

1. Ensure the charger is plugged into a standard electrical outlet.
2. Align the battery pack with the charger and slide it into place until it clicks securely.
3. The charger's indicator lights will show the charging status. A full charge typically takes approximately 30 minutes for this 1.5 Ah battery.
4. Once fully charged, remove the battery from the charger.

Checking the Fuel Gauge

The battery features a quick-read fuel gauge to monitor the amount of charge remaining.

- Press the button on the battery pack to activate the fuel gauge.
- The LED lights will illuminate to indicate the charge level. More lights indicate a higher charge.



Figure 3: Angled view of the battery, highlighting the fuel gauge button and LED indicators.

Operating the Battery

Inserting the Battery into a Tool

This battery is compatible with all Kobalt 24-volt max cordless power tools.

1. Ensure the tool is turned off and disconnected from any power source if applicable.
2. Align the battery pack with the battery port on the tool.
3. Slide the battery into the tool until it clicks firmly into place. Do not force the battery.
4. Verify the battery is securely seated before operating the tool.

Removing the Battery from a Tool

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



Figure 4: Close-up view of the battery, showing the release button for easy insertion and removal.

Maintenance and Storage

General Maintenance

- Keep the battery pack clean and free of debris. Use a clean, dry cloth to wipe the exterior.
- Regularly inspect the battery terminals for any signs of damage or corrosion.
- The internal battery monitoring system protects against extreme temperatures, over-discharge, and over-charge, contributing to a longer battery life.

Storage

- Store the battery pack in a cool, dry place, away from direct sunlight and excessive heat.
- Avoid storing the battery in temperatures below 32°F (0°C) or above 105°F (40°C).
- For long-term storage, it is recommended to store the battery with a partial charge (e.g., 50%).
- Do not store the battery connected to a tool or charger for extended periods.

Troubleshooting

Problem	Possible Cause	Solution
Battery not charging.	Charger not plugged in. Battery not properly seated in charger. Charger or battery is faulty. Extreme temperature (too hot or too cold).	Ensure charger is securely plugged into a working outlet. Re-seat the battery firmly into the charger. Try another compatible battery or charger if available to isolate the issue. Move battery and charger to a room temperature environment (68°F / 20°C).

Problem	Possible Cause	Solution
Battery not powering tool.	Battery is depleted. Battery not properly inserted into tool. Battery or tool is faulty.	Charge the battery fully. Ensure the battery is clicked securely into the tool. Test the battery in another compatible tool, or another battery in the same tool.
Fuel gauge not working.	Button not pressed firmly. Battery is completely discharged. Internal fault.	Press the fuel gauge button firmly. Attempt to charge the battery. If issues persist, contact customer support.

Specifications

Model Number	KB124-03
Battery Type	Lithium Ion
Voltage	24V MAX
Capacity	1.5 Ah (Amp-Hours)
Approximate Charge Time	30 minutes (with compatible charger)
Compatibility	All Kobalt 24-volt max cordless power tools
Dimensions (Package)	7.7 x 6.8 x 3.8 inches
Item Weight	0.01 ounces (Note: This weight seems unusually low and might be a data entry error. Actual weight is likely higher.)
Manufacturer	Kobalt

Warranty Information

Specific warranty details for the Kobalt KB124-03 battery are typically provided at the point of purchase or can be found on the official Kobalt website. Please refer to your purchase documentation or visit www.kobalttools.com for the most current warranty policy.

Customer Support

For technical assistance, replacement parts, or general inquiries regarding your Kobalt KB124-03 battery, please contact Kobalt customer support.

- **Website:** Visit the official Kobalt Tools website for FAQs, product registration, and support resources: www.kobalttools.com
- **Phone:** Refer to the contact information provided on the product packaging or the Kobalt website for customer service phone numbers.

When contacting support, please have your battery model number (KB124-03) and purchase information ready.

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