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BCXY CS-ALK500PW

BCXY CS-ALK500PW Lithium-Ion Battery Instruction Manual

For AL-KO Easy Flex Power Tools

1. Introduction

This manual provides essential instructions for the safe and effective use of your BCXY CS-ALK500PW Lithium-Ion battery. This battery is designed as a replacement for various AL-KO Easy Flex power tools. Please read this manual thoroughly before using the battery to ensure proper operation and to prevent damage or injury.
Compatible Models:

- AL-KO Easy Flex GT 2025 Grass Trimmer
- AL-KO Easy Flex HT 2050 Hedge Trimmer
- AL-KO Easy Flex WL 2020 LED Light
- AL-KO Easy Flex CSA 2020 Pole Pruner

Compatible Battery Part Number: B50 Easy Flex B50 113559

2. Important Safety Instructions

Failure to follow these safety instructions may result in fire, electric shock, or other serious injury.

- **DO NOT** disassemble, open, or shred the battery pack.
- **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 the battery 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.
- Keep the battery pack clean and dry.
- Observe the plus (+) and minus (-) marks on the battery and equipment and ensure correct use.
- The battery is equipped with overcharge, over-discharge, over-voltage, and short-circuit protection for

enhanced safety and battery life.



Image: BCXY CS-ALK500PW battery showing important warning labels and specifications.

3. Setup and Initial Use

Before using your new BCXY CS-ALK500PW battery, please follow these steps:

1. **Initial Charge:** For optimal performance and battery longevity, fully charge the battery before its first use. Use a compatible AL-KO Easy Flex battery charger.
2. **Battery Installation:** Align the battery with the battery compartment of your AL-KO Easy Flex power tool. Slide the battery firmly into place until it clicks, indicating it is securely locked. Ensure the battery is fully seated to establish proper electrical contact.
3. **Removal:** To remove the battery, press the release button(s) on the tool (if applicable) and slide the battery out of the compartment.



Image: Side view of the BCXY CS-ALK500PW battery, illustrating its form factor for installation.

4. Operating Instructions

Once the battery is installed and fully charged, your AL-KO Easy Flex tool is ready for use. Refer to your specific AL-KO Easy Flex tool's instruction manual for detailed operating procedures.

4.1 Charging the Battery

Always use an original AL-KO Easy Flex compatible charger for charging this battery. Follow the instructions provided with your charger.

1. Connect the charger to a power outlet.
2. Insert the battery into the charger. Ensure it is properly seated.
3. The charger's indicator light will show the charging status. Refer to your charger's manual for light indications.
4. Once charging is complete, remove the battery from the charger.

4.2 Battery Level Indicator

Some AL-KO Easy Flex tools or the battery itself may feature a battery level indicator. Consult your tool's manual or inspect the battery for any integrated indicator lights to check the remaining charge.



Image: Top view of the BCXY CS-ALK500PW battery, highlighting the connection terminals and release mechanism.

5. Maintenance and Storage

5.1 General Maintenance

- Keep the battery and its terminals clean and free from dirt, dust, and moisture. Use a dry, soft cloth to wipe the battery.
- Do not immerse the battery in water or any other liquids.
- Inspect the battery regularly for any signs of damage, such as cracks or swelling. Do not use a damaged battery.

5.2 Storage

- Store the battery in a cool, dry place, away from direct sunlight, heat sources, and moisture.
- For long-term storage, it is recommended to store the battery with a charge level between 40% and 60%. This helps preserve battery health.
- Avoid storing the battery in temperatures below 0°C (32°F) or above 40°C (104°F).
- If storing for extended periods, periodically check the charge level and recharge if necessary to maintain the recommended storage charge.

6. Troubleshooting

If you encounter issues with your BCXY CS-ALK500PW battery, consider the following:

- **Battery not charging:**
  - Ensure the charger is properly plugged into a working power outlet.
  - Verify that the battery is correctly inserted into the charger.
  - Check for any visible damage to the battery or charger. Do not use if damaged.
  - Ensure the ambient temperature is within the recommended charging range (typically 5°C to 40°C or 41°F to 104°F).
- **Tool not powering on with battery:**
  - Confirm the battery is fully charged.
  - Ensure the battery is securely installed in the tool's compartment.
  - Check the tool's own power switch and safety mechanisms.
  - If the tool has been stored in extreme temperatures, allow it to return to room temperature before use.
- **Reduced run time:**
  - Battery capacity naturally degrades over time and with use.
  - Ensure the battery is fully charged before each use.
  - Operating in very cold temperatures can temporarily reduce battery performance.

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

7. Product Specifications

Feature	Specification
Model Number	CS-ALK500PW
Battery Type	Lithium-Ion
Voltage	20.0V
Capacity	2000mAh
Watt-Hours (Wh)	40.0Wh
Dimensions (L x W x H)	109.5 x 74.7 x 46.0 mm (4.31 x 2.94 x 1.81 inches)
Weight	515.0 g (1.13 lbs)
Certifications	ISO9001, RoHS, CE, UN38.3, MSDS

8. Customer Support and Warranty

For any questions, technical assistance, or warranty inquiries regarding your BCXY CS-ALK500PW battery, please contact our customer support. When contacting support, please provide your battery details or pictures to help us assist you more efficiently.
Our batteries are manufactured to strict specifications and undergo rigorous testing to ensure safe and durable use.

They are designed with multiple protection features including overcharge, over-discharge, over-voltage, and short-circuit protection.

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