

Koham KH-3GXD23G10.8A

KOHAM 10.8V Cordless Electric Pruning Shears User Manual

Model: KH-3GXD23G10.8A

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1. INTRODUCTION

Thank you for choosing the KOHAM 10.8V Cordless Electric Pruning Shears. This tool is designed to simplify pruning tasks in gardens, orchards, and other green spaces, offering efficient and effortless cutting of branches up to 25mm (1 inch) in diameter. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new pruning shears. Please read it thoroughly before first use and retain it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating this power tool.

General Safety

- **Read all instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses, gloves, and sturdy footwear.
- **Keep work area clear:** Ensure the area is free from obstacles and bystanders, especially children.
- **Avoid unintentional starting:** Ensure the switch is in the off-position before inserting the battery pack, picking up or carrying the tool.
- **Do not overreach:** Maintain proper footing and balance at all times.
- **Stay alert:** Do not operate the tool when tired, under the influence of drugs, alcohol, or medication.
- **Store idle tools:** When not in use, store the tool in a dry, high, or locked-up place out of reach of children.

Electrical Safety

- **Use only specified battery packs and chargers:** Using any other battery packs may create a risk of injury and fire.

- **Do not expose battery pack or tool to fire or excessive temperature:** Exposure to fire or temperature above 130°C (265°F) may cause explosion.
- **Follow all charging instructions:** Charge only within the temperature range specified in the manual. Improperly charging or at temperatures outside the specified range may damage the battery and increase the risk of fire.

Blade Safety

- **Keep hands away from blades:** Never touch the blades when the tool is powered on or connected to a battery.
- **Ensure blades are sharp and clean:** Dull or dirty blades can cause injury and reduce efficiency.
- **Disconnect battery before maintenance:** Always remove the battery pack before cleaning, adjusting, or changing blades.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon unpacking.

- 1 x KOHAM Cordless Electric Pruning Shears
- 2 x 10.8V 2.5Ah Lithium Batteries
- 1 x Dual-Port Battery Charger (UL Compliant)
- 1 x Power Cord for Charger
- 1 x User Manual
- 1 x Storage Case (may vary by package)



Figure 3.1: Complete package contents of the KOHAM Electric Pruning Shears.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your electric pruning shears.



Figure 4.1: Labeled components of the KOHAM Electric Pruning Shears.

- **Fixed Blade:** The stationary blade that supports the branch during cutting.
- **Moveable Blade:** The sharp, active blade that performs the cut.
- **On/Off Button & Display:** Controls power and shows battery status/cut count.
- **Easy Pull Trigger:** Activates the cutting action.
- **Economic Handle Design:** Ergonomically shaped for comfortable grip.
- **Non-slip Handle:** Provides secure handling during operation.
- **Battery Release Button:** Used to detach the battery from the tool.
- **Lithium Battery:** Provides power to the shears.

5. SETUP

5.1 Battery Charging

Before first use, fully charge both lithium batteries. The charger is UL compliant, ensuring safety.

1. Connect the dual-port charger to a standard power outlet using the provided power cord.
2. Insert the 10.8V lithium batteries into the charging ports. Ensure they are seated correctly.
3. The charging indicator lights on the charger will show the charging status. A full charge typically takes 1-2

hours per battery.

4. Once fully charged, remove the batteries from the charger.



SAFETY & HIGH SPEED CHARGE



Charging time
1-2H(for each)

Working time
2-3.5H(for each)



- Two-port Charger
- Two Lithium Batteries
- High-speed
- Labor-saving

UL Certificated Charger

Figure 5.1: Charging the lithium batteries using the dual-port charger.

5.2 Battery Installation

To install a charged battery into the pruning shears:

1. Align the battery with the battery slot at the bottom of the pruning shears handle.
2. Slide the battery into the slot until it clicks securely into place. Ensure it is firmly attached and does not wobble.
3. To remove the battery, press the battery release button and slide the battery out.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

1. **To Power On:** Press and hold the On/Off button (located near the display) for a few seconds until the display illuminates. The blades will typically open to their maximum position.
2. **To Power Off:** Press and hold the On/Off button again until the display turns off and the blades close completely. Always power off the tool when not in use or when changing batteries.

6.2 Pruning

The KOHAM electric pruning shears are designed for cutting branches up to 25mm (1 inch) in diameter.

1. Ensure the tool is powered on and the blades are open.
2. Position the branch to be cut between the fixed and moveable blades. Ensure the branch fits comfortably within the cutting capacity.
3. Slowly squeeze the Easy Pull Trigger. The moveable blade will close, cutting the branch. Release the trigger to open the blades for the next cut.
4. For optimal performance and to prolong blade life, avoid forcing the shears through branches thicker than the recommended maximum diameter.



Figure 6.1: Pruning a branch with the electric shears.



Figure 6.2: Maximum cutting diameter and replaceable blade detail.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pruning shears.

7.1 Cleaning the Blades

1. **Always remove the battery pack before cleaning.**
2. Use a clean, damp cloth to wipe sap and debris from the blades after each use. For stubborn residue, a mild solvent or blade cleaner can be used.
3. Dry the blades thoroughly to prevent rust.
4. Apply a light coat of machine oil to the blades to keep them lubricated and protected.

7.2 Blade Replacement

The shears feature durable SK5 high carbon steel replaceable blades. If blades become dull or damaged, they can be replaced.

1. **Ensure the battery is removed.**
2. Refer to the detailed diagrams in the original instruction booklet for specific steps on blade replacement, as it involves removing screws and carefully handling sharp components.

3. Use only genuine KOHAM replacement blades to ensure compatibility and performance.

7.3 Storage

- Store the pruning shears in their original case in a clean, dry place, away from direct sunlight and extreme temperatures.
- Ensure the blades are closed and the battery is removed before storage.
- Keep out of reach of children and unauthorized users.

8. TROUBLESHOOTING

If you encounter issues with your KOHAM electric pruning shears, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Shears do not power on.	Battery not installed correctly or discharged.	Ensure battery is fully charged and properly inserted.
Blades do not cut or move slowly.	Low battery charge; blades are dull or dirty; cutting branches too thick.	Recharge battery; clean and lubricate blades; replace blades if dull; do not attempt to cut branches exceeding 25mm (1 inch).
Tool stops during operation.	Overload protection activated; battery depleted.	Release trigger, allow tool to cool, then resume. Replace with a charged battery.
Unusual noise or vibration.	Loose components; damaged blades.	Power off and remove battery. Inspect blades and housing for damage. If problem persists, contact customer support.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact KOHAM customer support.

9. SPECIFICATIONS

Feature	Specification
Model	KH-3GXD23G10.8A
Brand	Koham
Battery Voltage	10.8V (21.6V system with 2 batteries)
Battery Capacity	2.5Ah Lithium-ion (each)
Max Cutting Diameter	25mm (1 Inch)
Blade Material	SK5 High Carbon Steel
Motor Type	Brushless Motor
Charging Time	1-2 hours (per battery)
Working Time	4-7 hours (with 2 batteries, depending on usage)
Charger Compliance	UL 1310: 2018 Ed.7 Standard

Feature	Specification
Item Weight (with battery)	Approx. 0.9 kg (2 lbs)
Product Dimensions	33.02 x 15.24 x 10.16 cm
Handle Material	Plastic (Non-slip)

10. WARRANTY AND SUPPORT

Warranty Information

The KOHAM electric pruning shears body is covered by a **one-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please note that the blades and batteries are considered consumable parts and are not included in this warranty. Proof of purchase is required for all warranty claims.

Customer Support

If you have any questions, require technical assistance, or need to order replacement parts (such as blades or batteries), please contact KOHAM customer support through the retailer where you purchased the product or visit the official KOHAM website for contact information. Please have your model number (KH-3GXD23G10.8A) and purchase date ready when contacting support.