

MuatCtarom PS30BACK

MuatCtarom PS30BACK Electric Pruning Shears with 8FT Pole User Manual

Model: PS30BACK (YX2440-AM01)

1. IMPORTANT SAFETY INSTRUCTIONS

Read all safety warnings and instructions before operating this electric pruning shears. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. Keep this manual for future reference.

- **Personal Safety:** Always wear appropriate personal protective equipment, including safety glasses, gloves, and sturdy footwear. Avoid loose clothing or jewelry that could get caught in moving parts.
- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep children and bystanders away while operating the tool.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions. Never carry the tool by the power cord or yank the cord to disconnect it from the outlet.
- **Tool Use and Care:** Do not force the tool. Use the correct tool for your application. Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing power tools. Store idle power tools out of the reach of children.
- **Battery Pack Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs. When the battery pack is not in use, keep it away from other metal objects.
- **Specific Pruning Shears Safety:** Keep hands away from the cutting area and the blade. Do not attempt to remove cut material or hold material to be cut when blades are moving. Ensure the tool is switched off before clearing jammed material.
- **Pole Usage Safety:** When using the extension pole, be aware of overhead power lines. Maintain balance and a firm grip. Do not overreach.

2. PACKAGE CONTENTS

Carefully unpack all items and ensure you have received all components listed below. If any items are missing or damaged, contact customer support.

- Electric Pruning Shears (Main Unit)
- 2x 21V 2000mAh Lithium-Ion Batteries
- Fast Charger
- Disassembly Tools (Wrench, Screwdriver)
- Replacement Blade
- 5-Section Telescopic Pole (8FT total length)
- Carrying Case



Image: Complete package contents including the electric pruning shears, two batteries, charger, tools, replacement blade, telescopic pole, and carrying case.

3. PRODUCT OVERVIEW

The MuatCtarom PS30BACK Electric Pruning Shears are designed for efficient and precise cutting of branches up to 50mm (2 inches) in diameter. It features a powerful brushless motor, an LCD display, and a detachable 8FT telescopic pole for extended reach.

Key Components:

- **Pruning Shears Head:** Contains the SK7 carbon steel blades, brushless motor, and cutting mechanism.
- **LCD Display:** Shows battery power level and the number of cuts made.
- **Trigger:** Activates the cutting blades.
- **Battery Slot:** For inserting the 21V Lithium-Ion battery.
- **Extension Pole:** Composed of 4 detachable 50cm sections, allowing for adjustable length up to 8FT. Features a telescopic lock and a separate trigger/battery slot at the base.



Image: Detailed view of the electric pruning shears attached to the extension pole, highlighting the SK7 blade, telescopic lock, switch button, and replaceable lithium battery location.

3 cutting openings: 15-35-50 mm

Update 3 gear modes for specific applications



Image: Close-up of the pruning shears blades demonstrating the three adjustable cutting opening sizes: 15mm for fast and efficient cuts, 35mm for energy efficiency, and 50mm for thick branches.

4. ASSEMBLY

The MuatCtarom PS30BACK can be used as a handheld unit or with the extension pole.

4.1 Handheld Configuration:

1. Ensure the electric pruning shears are switched off.
2. Align the 21V battery with the battery slot at the base of the shears handle.
3. Slide the battery into place until it clicks securely.

4.2 Extension Pole Configuration:

1. Connect the desired number of 50cm pole sections to achieve the required length, up to 8FT. Ensure each section is securely locked.
2. Attach the electric pruning shears head to the top of the assembled extension pole. Ensure the connection is firm and secure.
3. Insert a 21V battery into the battery slot located at the base of the extension pole handle.
4. Verify all connections are tight before use.

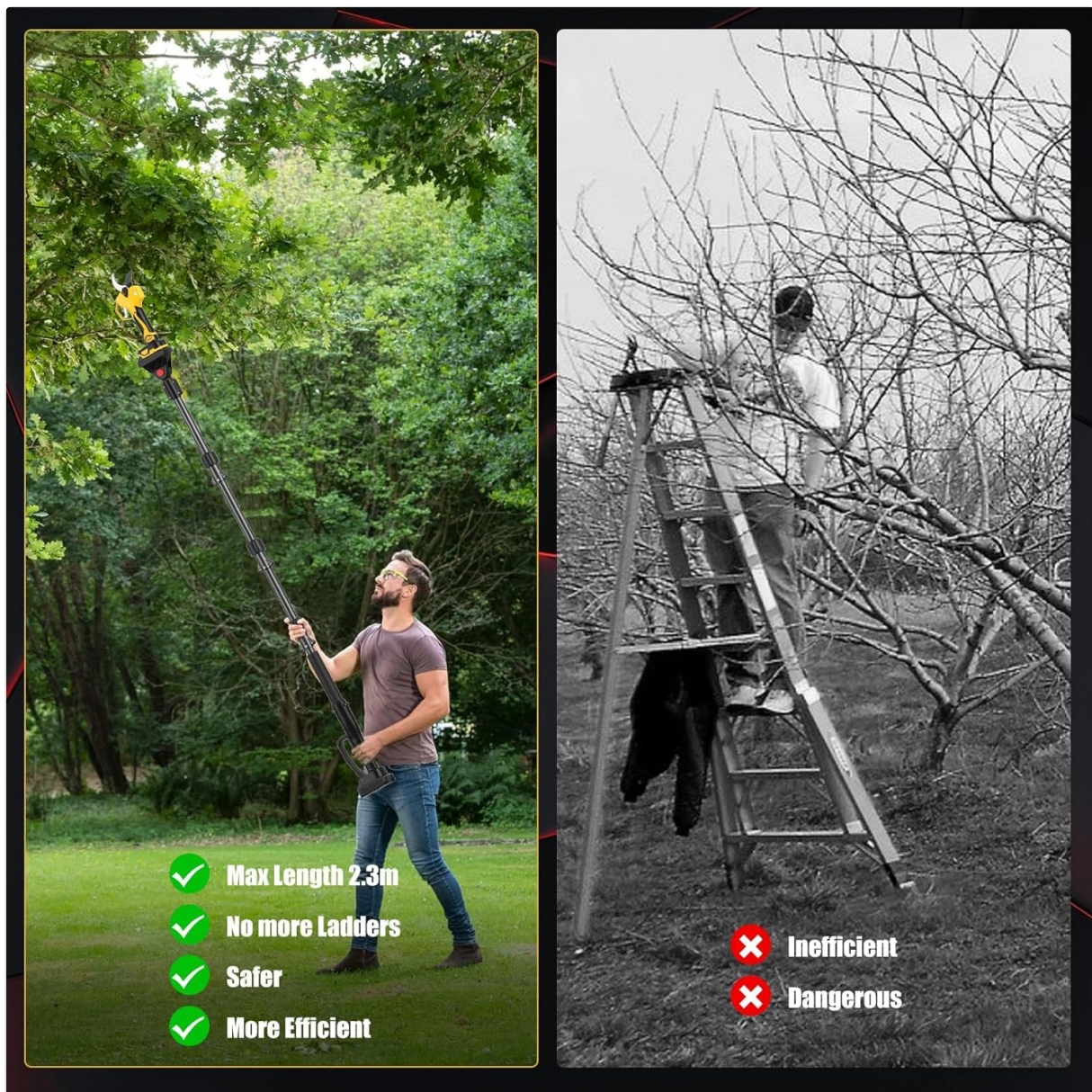


Image: Illustration of the electric pruning shears with the 8FT pole in use, demonstrating its ability to reach high branches safely and efficiently compared to using a ladder.

5. CHARGING THE BATTERY

The MuatCtarom PS30BACK comes with two 21V 2000mAh Lithium-Ion batteries. Always use the provided fast charger.

1. Remove the battery from the pruning shears or pole.
2. Connect the fast charger to a standard power outlet.
3. Insert the battery into the charger. The charger indicator light will show the charging status.
4. A single battery typically charges in 2-4 hours.
5. The charger is equipped with over-temperature and over-current protection for safety.
6. Once fully charged, disconnect the battery from the charger and store it in a cool, dry place.

TWO 2000MAH BATTERIES



Charging time
2-4H(for one)



Over temperature
protection



Over current
protection



Working time
3-4H (for one)

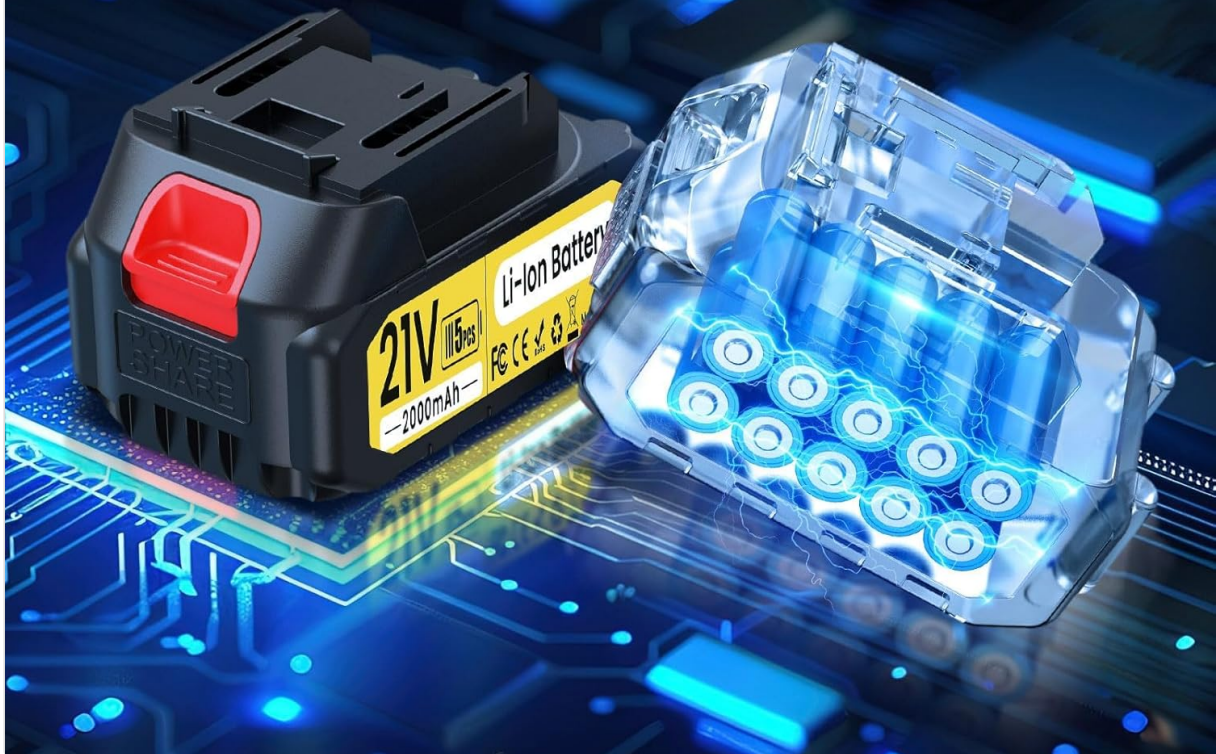


Image: Two 21V 2000mAh Lithium-Ion batteries, illustrating their features including charging time, over-temperature protection, over-current protection, and working time.

6. OPERATION

The electric pruning shears offer two primary modes of operation: handheld and with the extension pole.

6.1 Handheld Operation:

1. Ensure a charged battery is securely installed in the shears.
2. Switch the motor ON (if applicable, refer to specific switch location on your unit).
3. To activate the shears, pull the trigger 3 times in a row. The blades will open.
4. Adjust the cutting opening size (15mm, 35mm, or 50mm) by pressing the designated button. Use 15mm for small branches, 35mm for general pruning, and 50mm for maximum diameter cuts.
5. Position the branch between the open blades and pull the trigger to make a cut.
6. To turn off the shears, press and hold the trigger for 5 seconds.

6.2 Operation with Extension Pole:

1. Ensure the shears are securely connected to the extension pole and a charged battery is installed in the pole's handle.

2. Turn on the pruning shears (this may involve a switch on the shears head or a button on the pole, depending on the model).
3. Continuously pull the trigger on the extension rod to activate the machine and begin pruning. The cutting size may be pre-set or adjustable via a button on the shears head.
4. Maintain a stable stance and control the pole carefully, especially when cutting overhead.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your electric pruning shears.

- **Cleaning:** After each use, disconnect the battery and clean the blades and cutting mechanism. Remove sap, debris, and dirt using a brush and a damp cloth. Avoid using harsh chemicals.
- **Lubrication:** Apply a small amount of machine oil to the blades and pivot points periodically to ensure smooth operation and prevent rust.
- **Blade Sharpening:** The SK7 carbon steel blades are designed for durability. If cutting performance decreases, the blades may need sharpening. Use a fine-grit sharpening stone at the original blade angle.
- **Blade Replacement:** A replacement blade is included in your kit. Refer to the disassembly tools provided for instructions on how to safely replace the blade. Always ensure the battery is removed before attempting blade replacement.
- **Storage:** Store the pruning shears and batteries in a clean, dry place, away from direct sunlight and extreme temperatures. Ensure batteries are partially charged (around 50%) for long-term storage.

8. TROUBLESHOOTING

If you encounter issues with your MuatCtarom PS30BACK, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Shears do not activate	Battery not installed correctly or discharged; Power switch off; Activation sequence not followed.	Ensure battery is fully charged and properly seated. Turn on power switch. Follow the 3-trigger pull activation sequence.
Reduced cutting power	Blades dull or dirty; Battery low; Cutting material too thick.	Clean and sharpen blades. Recharge battery. Do not attempt to cut branches exceeding 50mm (2 inches).
Battery not charging	Charger not connected; Faulty charger or battery.	Ensure charger is properly plugged in. Try charging a different battery (if available) to isolate the issue. Contact support if problem persists.
Blades jam frequently	Debris in cutting mechanism; Blades dull; Attempting to cut at incorrect angle.	Clean blades and mechanism. Sharpen blades. Ensure proper cutting technique.

9. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model	PS30BACK (YX2440-AM01)
Brand	MuatCtarom
Max Cutting Diameter	50mm (2 inches)
Motor Type	1000W Brushless Motor
Battery Type	2x 21V 2000mAh Lithium-Ion
Working Time (per battery)	3-4 hours (6-10 hours total with two batteries)
Charging Time (per battery)	2-4 hours
Pole Length	Up to 8FT (2.4 meters), 4 detachable 50cm sections
Blade Material	SK7 Carbon Steel
Cutting Openings	15mm, 35mm, 50mm (adjustable)
Item Weight	2.23 kg (4.91 pounds)
Product Dimensions (Shears)	12"L x 4"W (approximate)

10. WARRANTY AND SUPPORT

MuatCtarom is committed to providing high-quality products and customer satisfaction. Your electric pruning shears are covered by a manufacturer's warranty against defects in materials and workmanship.

- **After-Sales Support:** If you have any questions, concerns, or require assistance with your product, please contact our customer support team.
- **Response Time:** We aim to respond to all inquiries within 24 hours.
- **Contact Information:** Please refer to the contact details provided with your purchase or visit the official MuatCtarom website for support.