

Supstable 6C10S

Supstable 2-in-1 Cordless Pole Saw & Mini Chainsaw

Model: 6C10S

Brand: Supstable

1. IMPORTANT SAFETY INSTRUCTIONS

Always read and understand all safety warnings and instructions before operating this tool. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Personal Protective Equipment:** Always wear safety goggles, gloves, and appropriate clothing to protect against flying debris and sawdust. A hard hat is recommended when using the pole saw function.
- **Secure Grip:** Ensure a firm, two-handed grip on the tool during operation. When using the pole saw, utilize the anti-slip shoulder strap for stability.
- **Prevent Accidental Activation:** The tool is equipped with a security lock. Always engage the lock when not in use or when changing accessories.
- **Work Area Safety:** Keep the work area clear of bystanders, children, and pets. Ensure good footing and balance, especially when operating the pole saw.
- **Battery Safety:** Use only specified batteries and chargers. Protect batteries from extreme temperatures and physical damage. Do not short-circuit or disassemble batteries.
- **Chain Maintenance:** Regularly check chain tension and lubrication. A loose or dry chain can be dangerous and reduce cutting efficiency.
- **Avoid Overreaching:** Do not overreach when using the pole saw. Maintain proper balance and control.
- **Inspect Before Use:** Before each use, inspect the tool for any damaged parts, loose connections, or worn components. Do not operate a damaged tool.

2. PRODUCT OVERVIEW AND COMPONENTS

The Supstable 2-in-1 Cordless Pole Saw & Mini Chainsaw offers versatile cutting capabilities for various tree trimming and pruning tasks. It functions as both a handheld mini chainsaw and an extended pole saw.



Figure 2.1: Overview of the Supstable 2-in-1 Cordless Pole Saw and its main components, including the mini chainsaw head, 3-piece shaft design, electric start, angle switch button, cushioned overmold grip, direction button, telescopic buckle, and battery.

Included Components:

- 1x 6-inch Mini Chainsaw
- 1x Telescopic Extension Rod
- 1x User Manual
- 1x Safety Glasses
- 1x Gloves
- 1x Lanyard (shoulder strap)
- 2x 21V 4.0Ah Lithium Batteries
- 1x Battery Charger
- 1x Replacement Chain

3. SETUP AND ASSEMBLY

3.1 Battery Installation and Charging

1. Ensure the battery is fully charged before first use. Connect the charger to a power outlet and insert the battery. The indicator lights on the battery will show the charging status.

2. To install the battery, align it with the battery slot on the tool handle and slide it in until it clicks securely into place.
3. To remove the battery, press the release button (if present) and slide the battery out.



Figure 3.1: The 21V 4.0Ah lithium battery, featuring multiple protection mechanisms for safe and extended use.

3.2 Attaching the Extension Pole (for Pole Saw Function)

1. Ensure the mini chainsaw is powered off and the battery is removed.
2. Align the mini chainsaw unit with the connector on the telescopic extension rod.
3. Push the units together firmly until they lock securely.
4. To adjust the length of the pole, release the telescopic buckle, extend or retract the pole to the desired length (5.6 to 9 feet), and then secure the buckle.
5. Attach the anti-slip shoulder strap to the designated loop on the pole for improved control and reduced fatigue during operation.



Figure 3.2: The pole saw in extended configuration,

demonstrating its reach for high branches.

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Video 3.1: Demonstrates the 2-in-1 functionality, including attaching the mini chainsaw to the extension pole and adjusting the pole length. This video also shows the tool-free chain tensioning and oiling system.

3.3 Chain Tension Adjustment

Proper chain tension is crucial for safe and efficient operation. The Supstable chainsaw features tool-free chain tensioning.

1. Ensure the tool is off and the battery is removed.
2. Locate the tension adjustment knob on the side of the chainsaw.
3. Turn the knob to adjust the chain tension. The chain should be snug against the guide bar but still able to be pulled freely by hand. There should be no excessive slack.
4. Refer to the diagram for visual guidance.



Figure 3.3: Adjusting the chain tension using the tool-free knob.

4. OPERATION

4.1 Starting and Stopping the Tool

1. Ensure the battery is securely installed.
2. To start, press and hold the safety lock button, then squeeze the trigger.
3. To stop, release the trigger. The safety lock will automatically engage.

4.2 Using as a Mini Chainsaw

For smaller branches and ground-level cutting, use the tool as a handheld mini chainsaw.

1. Ensure the extension pole is detached.
2. Hold the chainsaw firmly with one hand on the main handle.
3. Position the chain against the branch to be cut.
4. Engage the safety lock, then press the trigger to start cutting. Apply steady, gentle pressure.
5. The mini chainsaw weighs approximately 3.4 lbs with one battery, making it suitable for single-handed operation.



Figure 4.1: Operating the Supstable mini chainsaw in handheld mode for precise cutting.

4.3 Using as a Pole Saw

For high branches, attach the extension pole as described in Section 3.2.

1. Adjust the pole length to comfortably reach the branch without overextending.
2. Utilize the anti-slip shoulder strap for support and control.
3. The cutting head can be adjusted to various angles (0° , $\pm 30^\circ$, $\pm 60^\circ$, $\pm 90^\circ$) using the angle switch button for optimal cutting position.
4. Position the saw head against the branch, ensuring a stable stance.
5. Engage the safety lock, then press the trigger to start cutting. Allow the saw to do the work; avoid forcing it.
6. The pole saw can reach up to 15 feet (including user height).



Figure 4.2: The Supstable pole saw in action, demonstrating its extended reach for high branches.

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Video 4.1: Shows the Supstable pole saw being used to trim high branches, highlighting its reach and cutting efficiency.

5. MAINTENANCE

5.1 Chain Lubrication

The chainsaw features a built-in oil reservoir for continuous lubrication. Regular lubrication is essential for optimal performance and chain longevity.

1. Ensure the tool is off and the battery is removed.
2. Locate the oil reservoir cap on the chainsaw body.
3. Unscrew the cap and fill the reservoir with appropriate chainsaw bar and chain oil. Do not overfill.
4. Replace the cap securely.
5. Periodically check the oil level during operation and refill as needed.



OILING SYSTEM FOR CONTINUOUS LUBRICATION

Figure 5.1: Refilling the oil reservoir for continuous chain lubrication.

5.2 General Cleaning and Storage

- After each use, remove the battery and clean the tool. Use a brush or compressed air to remove sawdust and debris from the chain, guide bar, and motor vents.
- Store the tool in a dry, secure place, out of reach of children.
- Ensure the chain is properly tensioned and lubricated before storing for extended periods.

6. TROUBLESHOOTING

If you encounter issues with your Supstable 2-in-1 Cordless Pole Saw & Mini Chainsaw, refer to the following common solutions:

- **Tool not starting:**
 - Check if the battery is fully charged and properly installed.
 - Ensure the safety lock button is pressed before squeezing the trigger.
- **Poor cutting performance:**
 - Check chain tension; adjust if too loose or too tight.
 - Ensure the chain is adequately lubricated.
 - Inspect the chain for dullness or damage; replace if necessary.
- **Excessive vibration or noise:**
 - Check chain tension.
 - Inspect the chain and guide bar for damage or wear.
 - Ensure all components (especially the pole connection) are securely fastened.

For issues not covered here, please contact Supstable customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	6C10S
Power Source	Battery Powered
Voltage	21 Volts
Battery Type	Lithium Ion (2x 4.0Ah included)
Motor Type	Brushless Motor
Horsepower	1000 Watts
Chain Length	6 Inches
Chain Speed	19.6 ft/s
Item Weight (Handheld)	3.4 lbs (with 1 battery)
Item Weight (Pole Saw)	7.2 lbs (with 1 battery)
Adjustable Pole Length	5.6 ft to 9 ft
Max Reach	Up to 15 ft (including user height)
Product Dimensions	51.2"L x 7.9"W x 5.1"H (assembled)

8. WARRANTY AND SUPPORT

The Supstable 2-IN-1 Cordless Pole Saw is backed by a robust three-year warranty, ensuring reliable performance and peace of mind. This warranty covers the tool and battery.

For warranty claims, technical support, or any questions regarding your product, please refer to the contact information provided in your product packaging or visit the official Supstable website.