PowerSmart PS6108

PowerSmart Electric Pole Saw User Manual

Model: PS6108
Brand: PowerSmart

Introduction

Thank you for choosing the PowerSmart Electric Pole Saw. This manual provides important information for the safe operation, assembly, maintenance, and troubleshooting of your pole saw. Please read this manual thoroughly before using the product and keep it for future reference.



Image: The PowerSmart Electric Pole Saw, fully extended, showcasing its design for reaching high branches.

Important Safety Information

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

General Safety Rules

- **Read the Manual:** Understand all instructions and warnings before operation.
- **Wear Eye Protection:** Always wear safety glasses or goggles.
- **Wear Hand Protection:** Use heavy-duty gloves.
- **Wear Head Protection:** A hard hat is recommended when working overhead.
- **Maintain a Firm Grip:** Hold the pole saw firmly with both hands.
- **Keep Area Clear:** Ensure no bystanders or pets are near the work area.

- **Avoid Wet Conditions:** Do not operate in rain or damp environments.
- **Inspect Before Use:** Check for damaged parts, loose connections, or any other condition that may affect operation.
- **Use Proper Extension Cord:** Ensure the extension cord is rated for outdoor use and is of adequate gauge for the tool's power requirements.
- **Disconnect Power:** Always unplug the tool before making adjustments, changing accessories, or storing.

Product Overview

Familiarize yourself with the components of your PowerSmart Electric Pole Saw.

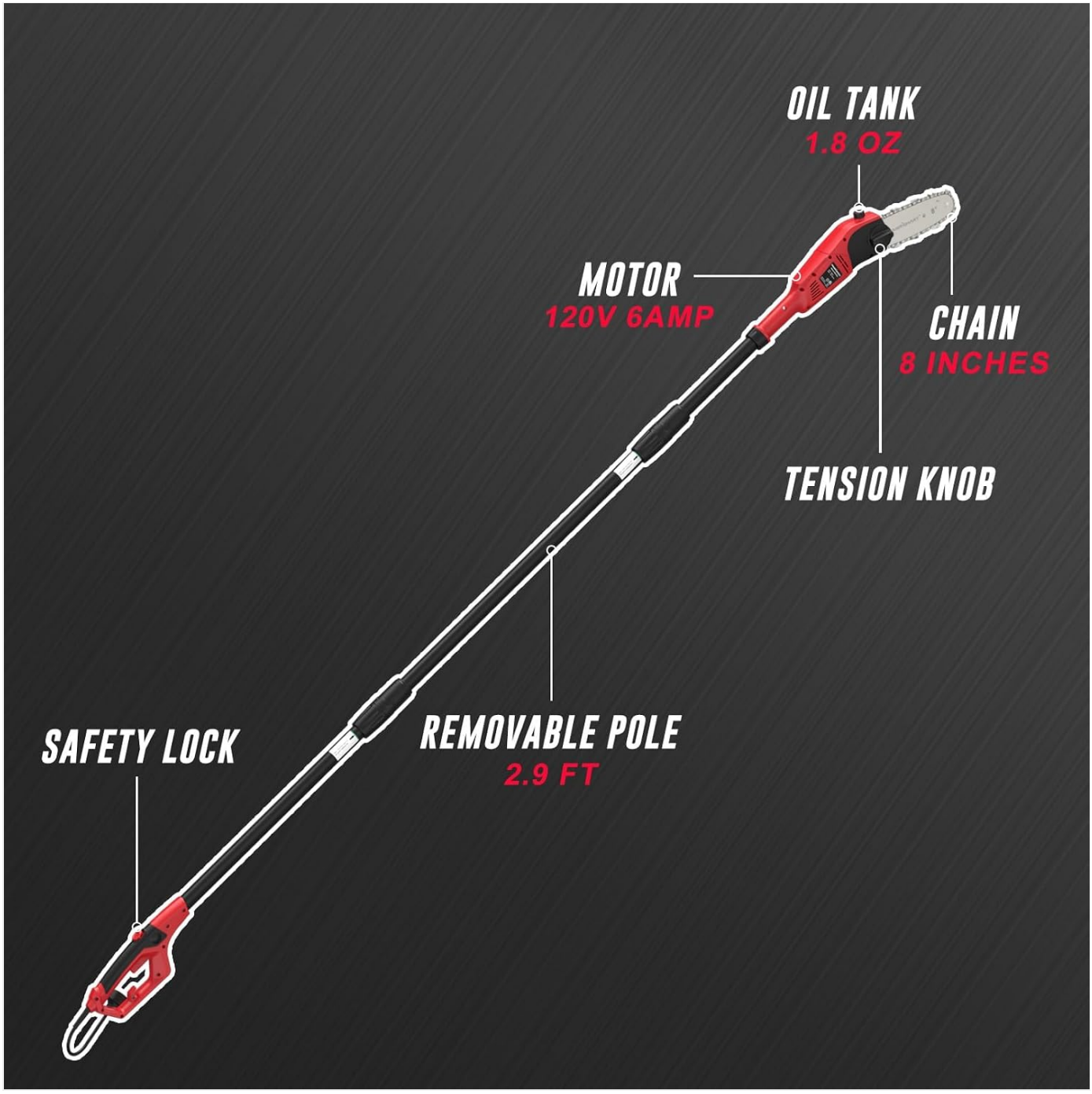


Image: A detailed diagram illustrating the key components of the pole saw, including the oil tank, motor, chain, tension knob, removable pole, and safety lock.

Components Included:



Image: An illustration showing all items included in the package: 1 Pole Saw, 1 Saw Chain (assembled), 1 Guide Bar (assembled), 1 Scabbard, 1 Wrench, and 1 Owner's Manual.

- Pole Saw Unit (Motor, Handle, Pole sections)
- Saw Chain (pre-assembled)
- Guide Bar (pre-assembled)
- Scabbard (chain cover)
- Wrench
- Owner's Manual (this document)

Setup and Assembly

1. Assembling the Pole Sections

The pole saw comes with adjustable pole sections for varying reach. Ensure they are securely connected before use.

1. Align the male and female ends of the pole sections.

2. Push them together firmly until they click into place.
3. Twist the locking collar to secure the connection.

2. Chain and Guide Bar Installation (if not pre-assembled)

The 8-inch chain and guide bar are designed for efficient cutting.



Image: A close-up view of the pole saw's 8-inch chain and the oil tank, highlighting the auto-lubrication system.

1. Ensure the power cord is unplugged.
2. Remove the chain cover.
3. Place the chain around the sprocket and guide bar, ensuring the cutting edges face the correct direction.
4. Reattach the chain cover and tighten the nuts.
5. Adjust chain tension using the tension knob. The chain should be snug but still able to be pulled around the guide bar by hand.

3. Filling the Oil Tank

The pole saw features an auto-lubrication system for reduced friction and extended chain life. Use only bar and chain oil.

1. Locate the oil tank cap (typically near the chain).
2. Unscrew the cap and fill the 1.8 oz tank with appropriate bar and chain oil.
3. Replace the cap securely.
4. *Note:* The oil tank capacity is 1.8 oz. Do not overfill.

Operating Instructions

Pre-Operation Checklist:

- Ensure all pole sections are securely locked.
- Verify chain tension is correct.
- Check oil tank level and refill if necessary.
- Inspect the work area for obstacles, power lines, and bystanders.
- Wear all recommended personal protective equipment (PPE).

Starting the Pole Saw:

1. Connect the pole saw to a suitable outdoor-rated extension cord.
2. Hold the pole saw firmly with both hands.
3. Press the safety lock button (usually red) and then squeeze the trigger switch to start the motor.
4. Release the safety lock button once the motor starts.

Cutting Techniques:



Image: The PowerSmart Electric Pole Saw in action, demonstrating its cutting capability on a tree branch. The image emphasizes the "More Power" of the 120V, 6AMP motor.



Image: A user demonstrating the use of the PowerSmart Electric Pole Saw, highlighting the "Auto Tension System" for convenient and intelligent operation.

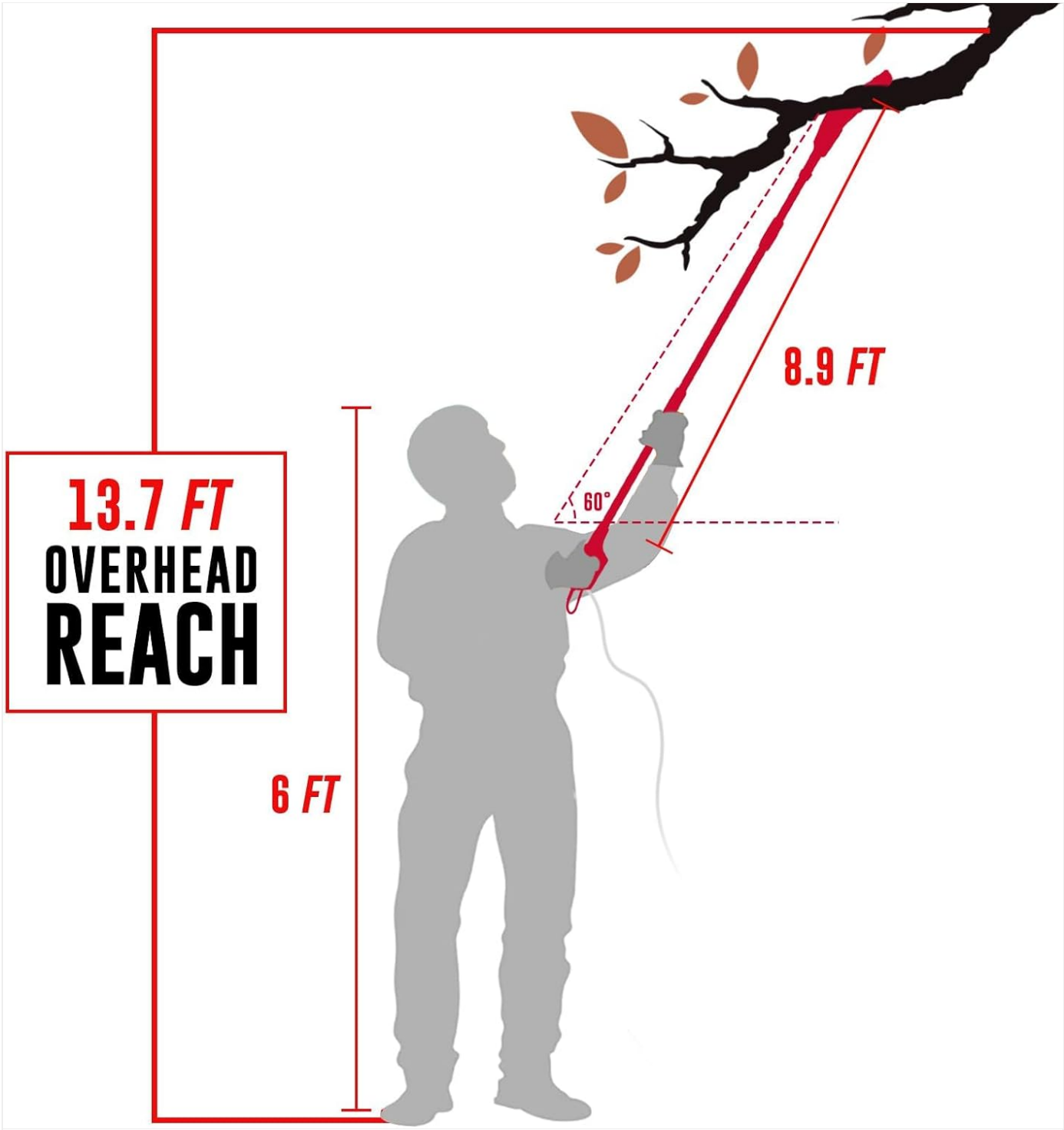


Image: A diagram illustrating the impressive 13.7 feet overhead reach of the pole saw, with a user holding it at an angle for high pruning.

- **Proper Stance:** Stand firmly with feet shoulder-width apart, maintaining balance.
- **Cutting Angle:** Approach the branch at a slight angle.
- **Avoid Kickback:** Be aware of the kickback zone at the tip of the guide bar. The 8-inch low kickback bar and chain are designed to minimize this risk.
- **Small Cuts First:** For larger branches, make an undercut first to prevent pinching, then complete the cut from the top.
- **Do Not Force:** Allow the saw to do the work. Forcing it can lead to overheating and damage.
- **Maximum Branch Diameter:** The 8-inch chain is suitable for cutting branches up to 8x8 inches.



Image: A close-up of the pole saw's 8-inch low kickback bar and chain effectively cutting through a thick branch, demonstrating its capability for 8x8 inch cuts.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your pole saw.

1. Chain Lubrication

- The auto-lubrication system ensures continuous oiling during operation.
- Regularly check the oil level in the 1.8 oz tank and refill as needed.
- Use only high-quality bar and chain oil.

2. Chain Sharpening

- A sharp chain is crucial for efficient and safe cutting.
- Sharpen the chain regularly or replace it when dull. Refer to a professional if unsure.

3. Cleaning and Storage

- After each use, unplug the saw and clean off any sawdust, sap, and debris.
- Wipe the guide bar and chain clean.
- Apply the scabbard (chain cover) before storing.
- Store the pole saw in a dry, secure location, out of reach of children.

Troubleshooting

Problem	Possible Cause	Solution
Saw does not start.	No power supply; Safety lock not engaged; Damaged cord/switch.	Check power outlet and extension cord; Ensure safety lock is pressed before trigger; Inspect cord for damage, contact support if switch is faulty.
Chain does not cut efficiently.	Dull chain; Incorrect chain tension; Insufficient lubrication.	Sharpen or replace chain; Adjust chain tension; Refill oil tank.
Saw overheats.	Forcing the cut; Insufficient lubrication; Blocked vents.	Allow the saw to cut at its own pace; Check oil level; Clean motor vents.
Oil leaks from saw.	Overfilled oil tank; Loose oil cap; Normal seepage.	Do not overfill; Ensure cap is tight; Some seepage is normal, especially during storage.

Specifications

Feature	Detail
Brand	PowerSmart
Model Number	PS6108
Power Source	Corded Electric
Voltage	120 Volts (AC)
Amperage	6.0 Amp
Wattage	720 watts
Blade Length	8 Inches
Max Reach	Up to 13.7 feet
Oil Tank Capacity	1.8 oz
Item Weight	11 Pounds
Product Dimensions	164"L x 164"W x 5"H (Note: Dimensions seem unusually large, likely referring to extended length)
Special Feature	Adjustable Pole, Auto Lubrication System

Warranty and Support

Warranty Information

All PowerSmart products are backed by a **2-year warranty**. This warranty covers defects in material and workmanship under normal use.
The warranty does not cover damage caused by misuse, abuse, neglect, unauthorized repairs, or normal wear and tear.

Customer Support

If you encounter any problems with your PowerSmart Electric Pole Saw, please do not hesitate to contact our service team. They are available to help solve any issues you may experience.
For support, please visit the official PowerSmart website or refer to the contact information provided on your product packaging or purchase receipt.

© 2024 PowerSmart. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question