

echosari CCS-58V4AH

echosari 58-Volt Cordless 16-inch Chain Saw

Model: CCS-58V4AH - Instruction Manual

1. INTRODUCTION

Thank you for choosing the echosari 58-Volt Cordless 16-inch Chain Saw. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before initial use and keep it for future reference.

Key Features:

- **Brushless Motor:** Designed for superior power, extended run time, and enhanced durability.
- **16-inch Bar and Chain:** Ideal for larger, more aggressive cutting tasks.
- **Automatic Oiler:** Ensures optimal chain lubrication for prolonged chain life and smooth operation.
- **58-Volt 4.0 Ah Lithium-Ion Battery:** Provides reliable and long-lasting power.
- **58-Volt Lithium-Ion Charger:** For efficient battery recharging.
- **Inertia Chain Brake:** A critical safety feature designed to stop the chain rapidly in the event of kickback.

2. GENERAL SAFETY INFORMATION

WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Personal Safety:

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and sturdy footwear.
- Do not operate the chain saw when tired, under the influence of drugs, alcohol, or medication.
- Keep children and bystanders at a safe distance.

Work Area Safety:

- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.

Electrical Safety:

- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer service.

- echosari 58-Volt Cordless 16-inch Chain Saw (Model CCS-58V4AH)
- 16-inch Bar and Chain
- 58-Volt 4.0 Ah Lithium-Ion Battery
- 58-Volt Lithium-Ion Charger
- Bar Cover
- Safety Glasses
- Operator's Manual

4. SETUP

4.1. Battery Installation and Charging

1. Ensure the battery is fully charged before first use. Connect the charger to a power outlet and insert the 58-Volt 4.0 Ah Lithium-Ion Battery. The charger's indicator lights will show the charging status.
2. To install the battery, align the battery pack with the battery port on the chain saw and slide it in until it clicks securely into place.
3. To remove the battery, press the release button on the battery pack and slide it out.



Figure 4.1: The 58-Volt 4.0 Ah Lithium-Ion Battery and its dedicated charger. The battery slides into the chainsaw's housing for power, and the charger features indicator lights for charging status.

4.2. Bar and Chain Assembly

Your chain saw may come with the bar and chain pre-assembled or require assembly. Refer to the detailed instructions in the included Operator's Manual for specific assembly steps.

4.3. Chain Tensioning

Proper chain tension is crucial for safe and efficient operation. The chain should be snug against the guide bar, but still allow you to pull it around the bar by hand. Adjust tension as needed using the tool-less tensioning system (if applicable) or the provided wrench.

4.4. Oiling the Chain

The chain saw features an automatic oiler. Before each use, ensure the oil reservoir is filled with appropriate bar and chain oil. Check the oil level frequently during operation.



Figure 4.2: Close-up view of the oil reservoir cap on the echosari chain saw. This cap is used to fill the automatic oiler system with bar and chain oil.

5. OPERATING INSTRUCTIONS

5.1. Starting the Chain Saw

1. Ensure the battery is securely installed and the chain brake is disengaged.
2. Grip the front handle with your left hand and the rear handle with your right hand.
3. Press the safety lock-out button (if present) and then squeeze the trigger to start the chain saw.



Figure 5.1: Detailed view of the echosari chain saw's rear handle, trigger, and safety lock-out button, illustrating the primary controls for operation.

5.2. Basic Cutting Techniques

- **Bucking:** Cutting a fallen tree or log into shorter sections. Always ensure the log is stable and supported.
- **Limbing:** Removing branches from a fallen tree. Work from the base of the tree towards the top, cutting smaller branches first.
- **Felling:** Cutting down a standing tree. This is an advanced technique that requires significant training and experience. Do not attempt without proper instruction and safety precautions.

5.3. Battery Usage Tips

- The 58-Volt 4.0 Ah battery provides ample run time for typical tasks. For extended work, consider having a spare charged battery.
- Avoid completely draining the battery to prolong its lifespan. Recharge it when the power significantly decreases.

Video 5.1: This video demonstrates the echosari 58-Volt Cordless Chain Saw in action, showcasing its cutting capabilities and

ease of use for various tasks. It highlights the tool's performance with different wood types and sizes.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your chain saw. Always disconnect the battery before performing any maintenance.

6.1. Cleaning

- After each use, clean the chain saw thoroughly. Remove sawdust, chips, and debris from the motor housing, bar, and chain.
- Use a soft brush or compressed air for cleaning. Do not use water or solvents that could damage the tool.

6.2. Chain Sharpening

A sharp chain is essential for efficient cutting and safety. Sharpen the chain regularly or replace it when dull. Refer to the Operator's Manual for detailed chain sharpening instructions or consult a qualified service technician.

6.3. Bar Maintenance

- Periodically clean the guide bar groove to remove accumulated sawdust and debris.
- Flip the guide bar regularly to ensure even wear on both sides.

6.4. Storage

- Store the chain saw in a dry, secure location, out of reach of children.
- Remove the battery before storing the tool for extended periods.
- Always use the bar cover when storing or transporting the chain saw.



Figure 6.1: The echosari chain saw with its protective bar cover in place, essential for safe storage and transport to prevent accidental contact with the sharp chain.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your echosari chain saw. For problems not listed here, contact customer service.

Problem	Possible Cause	Solution
Chain saw does not start	Battery not charged or improperly installed; Chain brake engaged; Safety lock-out not pressed.	Charge and properly install battery; Disengage chain brake; Press safety lock-out before trigger.
Chain does not move or moves slowly	Chain tension too tight; Chain dull or damaged; Low battery power.	Adjust chain tension; Sharpen or replace chain; Recharge battery.
Chain not oiling	Oil reservoir empty; Oil port clogged.	Fill oil reservoir; Clean oil port.
Excessive vibration	Loose chain; Damaged chain or bar.	Adjust chain tension; Inspect and replace damaged parts.

8. SPECIFICATIONS

Feature	Specification
Brand	echosari
Model Number	CCS-58V4AH
Power Source	Battery Powered
Voltage	58-Volt
Battery Type	Lithium-Ion (4.0 Ah)
Bar Length	16 Inches
Horsepower	550 Watts
Item Weight	19.66 Pounds
Product Dimensions	21.45"L x 10.62"W x 10.43"H
UPC	046396013378

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please refer to the warranty card included with your product or visit the official echosari website. Keep your purchase receipt as proof of purchase for warranty claims.

Online Support: [Visit the echosari Store on Amazon](#)

