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## OUTIGO 8C

# OUTIGO 8-inch Mini Electric Chainsaw User Manual

Model: 8C

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## 1. IMPORTANT SAFETY INSTRUCTIONS

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 eye protection (safety goggles), hearing protection, and heavy-duty gloves. Ensure stable footing and maintain balance. Do not overreach.
- **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 a power tool.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.
- **Chainsaw Specific Safety:**
  - Always hold the chainsaw with both hands when the motor is running.
  - Ensure the chain is properly tensioned and lubricated before each use.
  - Be aware of kickback. Avoid cutting with the tip of the guide bar.
  - Do not operate the chainsaw in a tree unless specifically trained to do so.
  - Keep all parts of the body away from the saw chain when the chainsaw is operating.

## 2. PRODUCT COMPONENTS

The OUTIGO 8-inch Mini Electric Chainsaw package includes the following items:

- 1 x Mini Electric Chainsaw Unit
- 2 x 21V Rechargeable Lithium Batteries
- 1 x Battery Charger
- 1 x Chainsaw Chain (pre-installed)
- 1 x Guide Bar (pre-installed)
- 1 x Replacement Chain
- 1 x Replacement Guide Bar
- 1 x Protective Case
- 1 x Pair of Safety Gloves
- 1 x Pair of Safety Goggles
- 1 x Oil Bottle (for lubrication, oil not included)
- 1 x Screwdriver (for adjustments)
- 1 x User Manual



Image: The OUTIGO 8-inch Mini Electric Chainsaw kit, including the chainsaw unit, two batteries, charger, spare chain and guide bar, protective case, safety gloves, safety goggles, oil bottle, and screwdriver.

## 3. SETUP

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### 3.1 Battery Charging

1. Insert the 21V lithium battery into the provided charger.
2. Plug the charger into a standard wall outlet.
3. Allow approximately 2-3 hours for a full charge. The battery features an indicator light to show charging status.
4. Ensure batteries are fully charged before first use for optimal performance.

### 3.2 Chain and Guide Bar Installation (if not pre-installed)

The chainsaw typically comes with the chain and guide bar pre-installed. If replacement is necessary, follow these steps:

1. Ensure the battery is removed from the chainsaw.
2. Using the provided screwdriver, loosen the side cover screws and remove the side cover.
3. Carefully place the chain around the guide bar, ensuring the cutting teeth are facing the correct direction (refer to the diagram in the printed manual).
4. Align the chain and guide bar with the sprocket and guide bar slot on the chainsaw body.
5. Replace the side cover and lightly tighten the screws.
6. Adjust the chain tension using the tensioning screw until the chain is snug but can still be moved freely by hand. Do not overtighten.
7. Fully tighten the side cover screws.

### 3.3 Lubrication System Setup

The chainsaw features an automatic chain lubrication system. Fill the oil bottle with universal motor oil (not included) and pour it into the chainsaw's oil tank.

# Automatic lubrication device



Image: Close-up of the automatic lubrication device on the chainsaw. The transparent oil tank allows for easy monitoring of oil levels. Pressing the oil filling chain button manually lubricates the chain.

## 4. OPERATION

### 4.1 Pre-Operation Checklist

- Ensure batteries are fully charged.
- Verify chain tension is correct.
- Check oil level in the lubrication tank.
- Wear all personal protective equipment: safety goggles, gloves, and appropriate clothing.
- Clear the work area of any obstructions or bystanders.

### 4.2 Starting the Chainsaw

1. Insert a charged battery into the chainsaw.
2. To start the chainsaw, simultaneously press the safety lock button and the trigger switch.

3. Release the trigger switch to stop the chainsaw.



Image: Illustration of the safety lock and anti-splash guard. The safety lock prevents accidental starts, requiring simultaneous pressing with the trigger. The anti-splash guard protects against debris.

### 4.3 Cutting Techniques

- Hold the chainsaw firmly with both hands.
- Begin cutting with the bottom edge of the guide bar.
- Apply steady, even pressure. Do not force the saw through the wood.
- Be mindful of the cutting direction and potential kickback.
- For larger branches, make an undercut first to prevent pinching.



Image: The OUTIGO Mini Electric Chainsaw in use, demonstrating its capability to cut through a log. The user is wearing gloves for safety.

#### 4.4 Official Product Video: Mini Chainsaw Demonstration

Your browser does not support the video tag.

Video: A brief demonstration of the OUTIGO Mini Chainsaw in action, showcasing its cutting capabilities and ease of use. This video is provided by the seller, WLY SHOP.

## 5. MAINTENANCE

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### 5.1 Chain Sharpening and Replacement

- Regularly inspect the chain for dullness or damage. A dull chain will reduce cutting efficiency and increase strain on the motor.
- Sharpen the chain as needed using a suitable chain saw file (not included) or replace it with a new chain from the provided spares.
- Refer to the "Chain and Guide Bar Installation" section for replacement instructions.

### 5.2 Lubrication

- Ensure the oil tank is filled with universal motor oil before each use.
- The automatic lubrication system will dispense oil during operation. Periodically press the manual oil filling chain button to ensure adequate lubrication, especially during extended use.

### 5.3 Cleaning and Storage

- After each use, remove the battery and clean the chainsaw.
- Use the provided brush to remove sawdust and debris from the chain, guide bar, and motor housing.
- Store the chainsaw in its protective case in a dry, secure location, away from children and unauthorized users.
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not charged or improperly inserted. Safety lock not engaged.	Ensure battery is fully charged and correctly inserted. Press safety lock and trigger simultaneously.
Reduced cutting performance.	Dull chain. Incorrect chain tension. Insufficient lubrication.	Sharpen or replace chain. Adjust chain tension. Refill oil tank and ensure lubrication.
Chainsaw stops during operation.	Battery depleted. Overload protection activated.	Replace with a charged battery. Reduce cutting pressure and allow the motor to cool.
Excessive vibration.	Loose chain. Damaged chain or guide bar.	Adjust chain tension. Inspect chain and guide bar for damage and replace if necessary.

## 7. SPECIFICATIONS

- **Model:** 8C
- **Brand:** OUTIGO
- **Bar Length:** 8 inches
- **Motor Power:** 800W
- **Power Source:** Battery Powered
- **Battery Type:** 2 x 21V Lithium Batteries (included)
- **Item Weight:** 4.22 pounds (1.92 Kilograms)
- **Product Dimensions:** 9.06"L x 5.12"W x 18.5"H
- **Features:** Automatic Chain Lubrication, Safety Lock, Splash Guard, Non-slip Handle

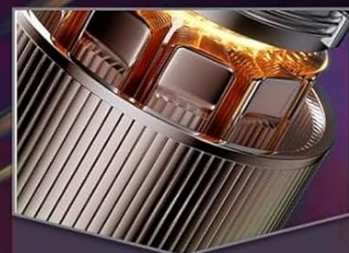
# Powerful Motor



Made of Pure Copper  
More Efficient



Power up to  
700W



Resists up to  $70^{\circ}\text{C}$   
More Safety

Image: Visual representation of the powerful 800W motor, highlighting its efficiency and durability compared to traditional motors.

## 8. WARRANTY & SUPPORT

For warranty information, technical support, or to purchase replacement parts, please refer to the contact information provided in the original product packaging or visit the official OUTIGO website.

Always use genuine OUTIGO replacement parts to ensure compatibility and maintain product safety and performance.