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Model: MR6504 | Brand: HOPTO

1. SAFETY INFORMATION

Operating any power tool requires adherence to safety guidelines to prevent injury. Please read and understand all safety instructions before using your HOPTO mini electric chainsaw.

General Safety Precautions:

- Always wear appropriate personal protective equipment (PPE), including safety goggles and cut-resistant gloves.
- Ensure the work area is clear of bystanders, especially children and pets.
- Keep hands and body parts away from the chain when the tool is in operation.
- Do not operate the chainsaw in wet conditions or near flammable liquids or gases.
- Always hold the chainsaw firmly with both hands during operation.
- Disconnect the battery before performing any maintenance, cleaning, or when the tool is not in use.

Product-Specific Safety Features:

- **Safety Lock:** Prevents accidental activation.
- **Hand Guard:** Provides protection for the user's hand.
- **Double-Button Start:** Requires two actions to start, further reducing the risk of unintended operation.

2. PRODUCT OVERVIEW & COMPONENTS

The HOPTO 6-inch mini electric chainsaw is designed for efficient wood cutting and tree trimming tasks. It features a compact design and a powerful motor for various gardening and DIY projects.



Figure 2.1: HOPTO Mini Electric Chainsaw and Included Accessories

Included Components:

- Electric Chainsaw Unit
- 2000mAh Removable Battery (2 included)
- Battery Charger
- 6-inch Chainsaw Chain (2 included)
- 6-inch Guide Bar (1 included)
- 8ml Oil Bottle (for lubrication)
- Safety Goggles
- Gloves
- Screwdriver
- Metal Buckle
- User Manual



Figure 2.2: Key Components of the Chainsaw

3. SETUP

The HOPTO mini electric chainsaw is designed for quick and easy assembly, typically within one minute without the need for a screwdriver for initial setup.

Battery Charging:

1. Ensure the battery is fully charged before first use.
2. Connect the charger to a power outlet and then to the battery.
3. The battery indicator lights will show the charging status.
4. Charging typically takes 60-90 minutes.

**60mins working time
for light branches
40mins working time
for coarse hardwood**

60-90 mins Fast Charging



Press the release button.



Pull out the battery pack.



Recharge the battery pack.

Figure 3.1: Battery Charging Process

Chain and Guide Bar Installation/Replacement:

Follow these steps to install or replace the chainsaw chain and guide bar:



Figure 3.2: Chain Replacement Steps

1. **Remove the original chain:** If replacing, carefully remove the existing chain and guide bar.
2. **Install the new chain:** Place the new 6-inch chain onto the guide bar, ensuring the cutting teeth are oriented correctly.
3. **Attach to saw:** Position the guide bar and chain onto the chainsaw body.
4. **Adjust tightness:** Use the provided screwdriver to adjust the chain tension. The chain should be snug but still able to be pulled freely by hand.
5. **Attach side cover:** Secure the side cover onto the saw body.
6. **Lock side cover:** Rotate the knob to firmly lock the side cover in place.
7. **Insert battery:** Properly insert the charged battery pack into the chainsaw until it clicks into place.

4. OPERATING INSTRUCTIONS

Once assembled and the battery is charged, your HOPTO mini electric chainsaw is ready for use.

Starting the Chainsaw:

1. Ensure the safety lock is engaged before handling.
2. Hold the chainsaw firmly with both hands.
3. Disengage the safety lock.
4. Press the double-button start mechanism to activate the chainsaw.

Cutting Techniques:

- **Powerful Motor:** The 850W pure copper motor and 65Mn steel chain operate at 39ft/s, allowing for clean and precise cuts on 6-inch wood in seconds.
- **Battery Life:** Each 21V 2000mAh lithium battery provides up to 40 minutes of runtime. The dual battery system allows for extended, uninterrupted work.
- **Battery Indicator:** Monitor the remaining power (0%-25%-50%-75%-100%) via the built-in battery indicator.
- **LED Light:** Use the integrated LED lamp for improved visibility in dim lighting conditions.
- **Applications:** This chainsaw is suitable for cutting logs, wood boards, pruning twigs and branches, and various DIY projects.

What will You Get?

- ⦿ Electric Chainsaw
- ⦿ Battery Pack
- ⦿ Power Adapter
- ⦿ Screwdriver
- ⦿ Saw Chain
- ⦿ Metal Buckle
- ⦿ Lube
- ⦿ Brush
- ⦿ Packaging Box
- ⦿ User Manual



Figure 4.1: Versatile Applications of the Chainsaw

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your HOPTO mini electric chainsaw.

Chain Lubrication:

- Periodically apply lubricant to the chain using the provided 8ml oil bottle.
- Proper lubrication reduces friction, prevents wear, and improves cutting efficiency.

Cleaning:

- After each use, ensure the battery is removed.
- Clean sawdust and debris from the chain, guide bar, and motor housing.
- A built-in cooling fan assists in heat dissipation, contributing to the motor's lifespan. Keep air vents clear.

Storage:

- Store the chainsaw in its PE carrying case in a dry, secure location, away from children.
- Ensure batteries are stored in a cool, dry place and are partially charged for long-term storage.

6. TROUBLESHOOTING

If you encounter issues with your HOPTO mini electric chainsaw, consider the following common troubleshooting steps:

- **Chainsaw not starting:** Ensure the battery is fully charged and properly inserted. Check that the safety lock is disengaged and both start buttons are pressed correctly.
- **Reduced cutting performance:** The chain may be dull or improperly tensioned. Refer to the 'Chain and Guide Bar Installation/Replacement' section for adjustment or replacement. Ensure the chain is adequately lubricated.
- **Overheating:** Stop operation immediately if the chainsaw feels excessively hot. Allow it to cool down. Ensure air vents are clear of debris.
- **Unusual noise or vibration:** Discontinue use. Check for loose components, chain damage, or debris obstructing the chain's movement.

If problems persist after attempting these steps, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	HOPTO
Model Number	MR6504
Power Source	Battery (Lithium Ion)
Horsepower	850 Watts
Item Weight	2.7 Pounds
Product Dimensions	4.72"L x 3.93"W x 15.35"H
Chain Length	6 Inches
Chain Speed	39.37 FT/S
Voltage	21 Volts (DC)
Wattage	850 Watts
Material	Flame retardant nylon, Stainless steel
UPC	602581568285

8. WARRANTY & SUPPORT

HOPTO is committed to providing quality products and customer satisfaction.

Warranty Information:

- The product includes a one-year free replacement warranty.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact our professional service team. Refer to the contact information provided in your product packaging or on the official HOPTO website.

ASK A QUESTION ABOUT THIS MANUAL

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