



User Manual



6-Inch Rechargeable Cordless Chainsaw

Table of Contents

Component Description	02
Accessory Inspection	03
Product Performance	03
Precautions	04
Operating Steps	04
How to Replace the Chain?	06
How to Charge the Battery?	09
Battery Precautions	10
Cutting Techniques	11
Cleaning and Maintenance	11
Storage Precautions	12
After-Sales Service	13

01 Component Description



02 Accessory Inspection

Please be careful when opening the packaging and check if all components are complete:

Style Accessories	Paper Box	Plastic Box
Charger	✓	✓
Glove	✓	✓
Oil Tin	✓	✓
Screwdriver	✓	✓
Guide Bar	✓	✓
Chain Links	✓	✓
Plastic Box	×	✓
Oil Pot	×	×
2000mAh Batteries	1	2

03 Product Performance

Note: the company reserves the right to improve the specifications.

Battery Type	Lithium Battery
Battery Capacity	2000mAh
Charging Current	1A
Cutting Diameter	6inch
Output Voltage	21V
Power Supply Voltage	21V
Rated Voltage	21V

04 Precautions

Before using the mini chainsaw, be sure to carefully read this manual to ensure safe usage. Here are some important safety precautions:

- ① **Safety Equipment:** When using the mini chainsaw, please wear appropriate safety gear, including safety glasses, earplugs, gloves and tight-fitting clothing.
- ② **Children and Pets:** Please place the mini chainsaw in a location inaccessible to children and pets to avoid accidents.
- ③ **Environmental Safety:** Ensure good ventilation in the area where you use the mini chainsaw and stay away from flammable materials and other hazardous substances.
- ④ **Operating Area:** Ensure that the work area is clean, tidy and free from debris and other obstacles.
- ⑤ **Power:** Ensure the power voltage meets the equipment requirements.

05 Operating Steps

Step 1: Preparing for Work

- ① **Select a Suitable Workspace:** Choose a flat, dry, and well-ventilated work area, ensuring there are no flammable materials or other hazardous substances.
- ② **Check the Mini Chainsaw:** Ensure that the main body, wires, switch and saw blade of the mini chainsaw are not damaged or abnormal.
- ③ **Wear Safety Equipment:** Put on appropriate safety glasses, earplugs, gloves and tight-fitting clothing to protect your eyes, ears, hands and body.

Step 2: Setting Up the Chainsaw

- ① **Insert the Power Source:** Insert the battery.

- ② Check the Saw Blade: Ensure that the saw blade is installed correctly, and the chain guard is also properly installed and secured.
- ③ Adjust Chain Tension: Adjust the tension of the chain as needed to ensure it is neither too loose nor too tight.

Step 3: Starting the Chainsaw

- ① Power On the Chainsaw: Press the safety switch button on the chainsaw to start it.
- ② Speed Up: Gently press the acceleration button to adjust the chainsaw's speed as needed.

Step 4: Cutting Process

- ① Stabilize the Chainsaw: Grip the auxiliary handle of the mini chainsaw to ensure stability.
- ② Align the Cutting Position: Align the chainsaw with the object you want to cut, making sure it is accurately positioned for cutting.
- ③ Initiate the Cut: Start the cutting process slowly by gently pushing the chainsaw to begin cutting.
- ④ Maintain Stability and Control: Maintain a stable hand position during the cutting process to ensure safe and precise control.
- ⑤ Complete the Cut: After completing the cut, release the switch button on the chainsaw and wait for the chainsaw to come to a complete stop.

Step 5: Turning Off the Chainsaw

- ① Disconnect the Power: Remove the battery to ensure safety and prevent accidental activation.

Step 6: Cleaning and Maintenance

- ① Clean the Saw Blade and Body: After each use, clean the saw blade and body to remove wood chips and dirt.

- ② Inspect and Maintain the Saw Blade: Regularly check the wear and tear of the saw blade and sharpen or replace it when needed.
- ③ Maintain the Body: Inspect the body and wires for any damage or abnormalities. Perform necessary maintenance, such as lubricating the chain.

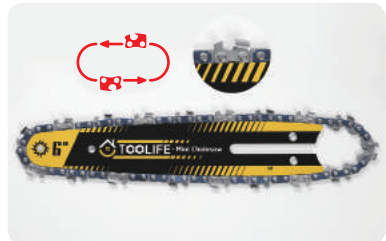
Follow the above operating steps to ensure safe, stable and efficient use of the mini chainsaw for cutting tasks. Stay vigilant at all times and adhere to the safety guidelines.

06 How to Replace the Chain?

- ① No wrench is needed, simply twist the button to open the cover.



- ② Remove the guide plate, install the new chain, pay attention to the chain direction, do not install it in reverse. Note: The teeth of the chain should face forward!



- ③ Use a screwdriver to adjust the position of the rivet for installing the guide plate. Loosen the screw first, place the guide plate, and then tighten the screw. Note: When tightening the screw, you can twist it in while applying downward pressure, which will make the chain tighter.



- ④ Cover the lid, then twist the button, but initially do not tighten it too much. Confirm the tension of the chain, then tighten the button.



- ⑤ Gently pull the chain to confirm its tension. Generally, the chain should be able to be pulled to a distance of 2-3 millimeters from the guide plate for the appropriate tension.



- ⑥ Apply lubricant to protect the chain and accelerate cutting speed.



Note: Be sure to oil the chain of your mini chain saw before cutting or it will jam easily.

Precautions:

- ① Regularly check the tension of the chain: In the initial stages of using a new chain, it may naturally stretch. Regularly check the tension of the chain and adjust as needed to ensure the proper tension.
- ② Avoiding excessive looseness or tightness: Pay attention to the tension of the chain; a chain that is too loose can easily derail, while one that is too tight may cause additional wear to the chain and equipment. Maintaining appropriate tension is crucial.
- ③ Preventing chain derailment: A loosely fitted chain can easily derail, possibly causing damage to the equipment. Ensure the chain is securely installed on the sprocket to avoid unnecessary derailment risks.
- ④ Check the installed chain: After installing the chain, always double-check that it is correctly positioned on the sprocket to ensure safe and reliable operation.

07 How to Charge the Battery?

Step 1: Safety Preparations

- ① **Confirm Power Source:** Use the original charger provided with the battery or a compatible charger, ensuring it matches the battery type and specifications.
- ② **Check Battery Condition:** Before starting the charging process, ensure the battery is not visibly damaged, such as deformities or leakage.

Step 2: Prepare the Battery and Charger

- ① **Remove the Battery:** Take out the battery from the mini chainsaw.
- ② **Check Battery Connection:** Ensure the battery connection points are clean, free from dirt or corrosion, to ensure a good connection.
- ③ **Select the Correct Battery Slot:** Depending on the battery type, choose the appropriate battery slot on the charger to match the battery.

Step 3: Insert the Battery and Begin Charging

- ① **Insert the Battery into the Charger:** Place the battery into the corresponding slot on the charger, ensuring proper alignment of polarity.
- ② **Connect the Charger:** Insert the charger plug into a household power outlet or a suitable power source and start the charging process.

Step 4: Complete the Charging

- ① **Wait for Charging to Complete:** Monitor the battery charging status based on the indicator lights on the charger. A green light indicates a full charge, while a red light indicates charging. The average charging time is 3 and a half hours.
- ② **Disconnect the Power:** Unplug the charger from the power source, then remove the fully charged battery from the charger. If the battery is not in use for an extended period, ensure to charge it at least once every three months.

Follow these steps to safely and correctly charge the battery for your mini chainsaw. Remember to use the correct type of battery and charger to prevent damage to the equipment or battery.

08 Battery Precautions

- ① Use the Appropriate Type of Battery: Use the battery type and specifications recommended by the manufacturer. Avoid using mismatched or unauthorized batteries to prevent equipment damage or safety risks.
- ② Avoid Overcharging and Over-discharging: Follow the charging and discharging times specified in the device manual, and avoid overcharging or over-discharging the battery, as it may affect battery life and performance.
- ③ Handle with Care: To conserve battery usage, ensure the longest possible lifespan. Do not overload the equipment and prohibit cutting tree branches exceeding 10cm/3.94inch in diameter.
- ④ Store the Battery Properly: When storing the battery, place it in a dry, well-ventilated area, away from high temperatures or direct sunlight. Avoid storing the battery in extreme temperatures.
- ⑤ Prevent Battery Damage: Avoid impact, crushing or puncturing the battery to prevent leaks, damage or fires.
- ⑥ Do Not Immerse the Battery in Water: Batteries are not waterproof. Avoid immersing the battery in water or other liquids to prevent damage.
- ⑦ Regularly Inspect the Battery: Periodically inspect the battery's appearance. If any abnormalities such as leakage, deformity, or strange odors are noticed, stop using the battery immediately and dispose of it safely.
- ⑧ Properly Dispose of the Battery: Adhere to local battery recycling and disposal regulations.
- ⑨ Do Not Disassemble the Battery: Do not attempt to disassemble or repair the battery. If the battery encounters issues, it should be handled or replaced by professionals.
- ⑩ Avoid Short-circuiting the Battery: Prevent short-circuiting the positive and negative terminals of the battery to avoid fires or battery damage.

09 Cutting Techniques

- ① **Safety Precautions:** During equipment operation, always keep the other hand away from the cutting area, maintaining a safe distance of at least 15 cm, and never place your hand near the blade.
- ② **Cutting Limitations:** Remember not to force the equipment to cut excessively large branches, as this may cause the chain to jam. Choose appropriate cutting objects based on the equipment specifications.
- ③ **Specific Weather Considerations:** During cold or damp weather, to protect the battery pack, it is advisable to place the equipment under waterproof clothing. Avoid using the equipment in rainy weather to prevent affecting the normal operation of the equipment and battery.
- ④ **Removing the Battery:** After using the equipment, it is recommended to remove the battery to ensure its safety and prolong its lifespan.
- ⑤ **Checking the Battery Level:** If the user feels the battery level is low or the cutting is not smooth, first check if the battery is depleted. Promptly replace the charged battery when needed to maintain the efficient operation of the equipment.

10 Cleaning and Maintenance

- ① **Safe Shutdown:** Before starting any maintenance, ensure that the equipment is completely turned off. Disconnect the battery from the equipment and store the battery in a secure package.
- ② **Caution with Chain Contact:** When handling the chain, always wear gloves to avoid sharp blades causing cuts or scratches to the user. After cleaning and maintenance, promptly replace the gloves.
- ③ **Regular Chain Cleaning:** After each use, thoroughly clean the chain, wipe it with lubricating oil, and spray metal protective spray. This helps extend the life of the chain and maintain its good condition.

- ④ **Cleaning the Front Cover Plate:** After continuous operation for 8 hours, remove the front cover plate of the equipment and clean sawdust and other debris. Refer to the installation images for specific disassembly and maintenance steps. This step helps maintain the efficient operation of the equipment.

11 Storage Precautions

- ① **Maintain Suitable Environment:** To ensure the battery is fully charged, avoid exposing the equipment to extremely hot or cold environments.
- ② **Remove the Battery:** If the equipment will not be used for an extended period, remove the battery before storing to prevent over-discharging or damage to the battery.
- ③ **Appropriate Storage Location:** Place the battery and charger in the equipment box to prevent heat, dust and moisture from entering, ensuring a dry and clean storage environment.
- ④ **Check the Switch Status:** When storing the equipment, always check if the switch is in the off position to avoid accidental activation or energy consumption.
- ⑤ **Store in a Dry Place:** The battery should be stored in a dry environment to prevent damage or performance degradation due to damp conditions.
- ⑥ **Keep Away from Flammable Materials:** Maintain a safe distance of at least 1.5 meters between the battery and flammable materials to ensure safe storage.
- ⑦ **Store with Sufficient Charge:** To prolong the device's lifespan and prevent degradation, store the battery fully charged and maintain an adequate charge level.

Following the storage precautions above effectively protects the battery and equipment, prolongs their lifespan, and ensures a safe storage process.

12 After-Sales Service

If you encounter any product issues, please don't hesitate to contact us by sending an email to our official address at **[toolifeofficial@gmail.com]**. Our team is ready to assist you with repairs, exchanges, refunds, and other after-sales solutions.

Please be assured that we are committed to providing you with the best possible solutions. Thank you for your support.

