

GARDTECH

Instruction Manual

Cordless Mini Chain Saw



PRODUCT INFORMATION



MAJOR PARAMETERS

Major parameters	SG661087	SG661087-G	SG591266	SG591277
Color	Red	Green	Red	Black
Rated Voltage	100-240V AC			
Guide Plate	4inch		6inch	4inch/6inch
Chain Speed	19.2FT/S			
Max wood cutting depth	95mm		150mm	95mm/150mm
Lithium-ion Battery	24V 2.0Ah			
Charger	21V, 0.5A		24V, 1A	21V, 0.5A
Optimum Applicable Temperature	0-40°C			

- Wear goggles protect eyes
- Wear ear muffs prevent hearing damage
- Wear a dust mask Prevent dust inhalation

01

IMPORTANT USAGE TIPS

Battery charging: Red light will be on when charging; Green light will be on when the battery is fully charged. Install the chain according to the operation diagram.
Note: Be sure to disconnect the battery pack before installing the guide or chain.
 Before each use, test run with no load to observe whether the chainsaw can operate normally.
 It is not recommended to cut hard objects, such as metal, rock, brick, etc., otherwise it may damage the product or shorten the life of the product.

HOW TO START WORK?



Press the safety button while pressing the start switch.

HOW TO REPLACE THE CHAIN?

4 inch chainsaw

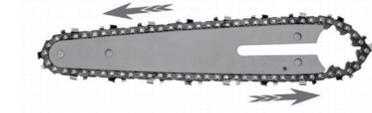
1. Install the guide plate and chain into the sprocket, and install the guide plate adjusting elastic pin into the small hole of the guide plate
2. Cover the guide plate cover, install the nut and keep it not tightened, adjust the tightness of the chain by hand
3. Tighten the screws with a wrench

02

6 inch chainsaw



1. Turn the knob on the side cover counterclockwise to remove the side cover
2. Remove the chain



3. Put on a new chain, please pay attention to the direction of the chain. Otherwise Chainsaws cannot cut the wooden.



4. Install the side cover and tighten the knob on the side cover.
5. Install the side cover and tighten the knob.

03

HOW TO ADJUST THE TIGHTNESS OF THE CHAIN?

To Adjust saw chain tension, perform the following steps:



1. Unscrew the knob on the side cover.
2. Adjust the screws on the top by our screwdriver.
3. Tighten the chain clockwise and loosen it counterclockwise.

BATTERY PACK USE

1. The 24V, 2000 mAh Lithium-ion battery has temperature protection, low voltage protection and over current protection. When using please check whether the temperature is too high due to unreasonable use, and need to be cooled before using. When the voltage is too low, charge in time, and the working current will also protect.
2. It is found that the battery has sparks and smoke and peculiar smell during work. Please deactivate immediately and contact the manufacturer.
3. Lithium battery is a kind of consumable. Different types of batteries have different charging requirements, lithium batteries are prone to heat and high temperature problems during charging. Please use the original Install the charger to charge the battery.

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4. Avoid long-term uninterrupted charging and charging with chargers that do not meet the requirements (especially low-end chargers)No protection function) to avoid damage or danger, the correct way is to use a qualified or original charger Charge the battery and take it off when the full time is reached. Usually lithium batteries have a relatively complete protection function (with protection board)There are not many other requirements for battery charging, but to prevent the safety caused by the failure of the overcharge protection function of the protection board Problem, it is not recommended to charge for long time, the battery should be taken out after it is full, and the original or battery must be used when charging The included charger, and operate and use according to the instructions, otherwise the battery may be damaged or even dangerous.

5. Since long-term storage will accelerate battery set-discharge and active material passivation the ambient temperature and humidity are 10°Oit is more suitable to be between 30°C and 65±20%, and at the same time to reduce the long-term storage of the battery(such as more than one year)The negative impact of set-discharge and active material passivation, the battery needs to be charged and discharged every three months to recover its original performance.

CHARGER USE

1. Plug in the power indicator light green, and when the battery is charging, the indicator light is red, charging the full power indicator is green.
2. Insert the battery, please push the battery a little harder to the charger to ensure good contact.
3. Please use it at a temperature of 0-40 degrees, the area is cold in winter, please indoor charging.

05

CHAIN MAINTENANCE

1. Calibrate the chain looseness.
 Calibrating the chain looseness on the guide plate will provide you with the best usage experience. If the chain is too tight on the guide plate, the friction will increase, which will wear the guide plate and consume the battery faster. If the chain is too loose on the guide plate, then sometimes the chain will come off during use. To calibrate the chain tightness, simply adjust the screw behind the guide plate with a screwdriver (no need to remove the guide plate cover). Clockwise is tighter chain, counterclockwise is looser chain. When you can pull the chain 3-4 mm (0.12-0.15 in.) from the baseline of the edge of the guide plate, it should be the right amount of slack.

2. Remove accumulated wood chips
 Chains and guides generally do not require oil maintenance, just keep both parts clean. Thorough cleaning is recommended for several applications. Open the guide plate cover with a wrench to remove accumulated wood chips, etc.

3. Replace the chain
 With a quick visual inspection, if you notice that the blade on the chain is noticeably dull and the chain saw is not cutting things as sharp as it used to, then it is time to replace the chain with a new one.
 For compatible replacement chain formation and ordering, you can contact customer service.

WARNING

Read all safety warnings and all instructions.
 Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
 Save all warnings and instructions for future reference.

1. Please fully charge the battery before first time to use. The charger indicator light is red when charging, and it's green when fully charged.
2. Remove the battery when the chainsaw is not in use to avoid damage caused by misoperation.

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3. Do not store the battery in a high temperature and humid environment, and the battery is at least 30% charged to long-term storage.

4. Please pay attention to the direction of the chain when replacing the chain, you can refer to the picture of the product link page.

5. When adjusting the chain, the gap between the chain and the guide plate should be kept between 3-4mm, too loose will cause the chain to fall off, too tight will cause the motor to overheat at work.

6. The chainsaw built in an overheating protection device. If the battery cannot be charged and the motor stops operating suddenly, it means that the overheating protection system has played a role, so wait for the battery and motor to cool down completely before using it and do not force it to turn on.

7. Remove the battery when the chainsaw is after use to avoid injured caused by misoperation.

8. If you cut branches whose diameter exceeds the size of the guide, the chain may get stuck causing damage to the machine.

9. Keep the workplace clean and orderly. Do not use tools in messy workplaces.

10. Pay attention to the environment of the workplace. Do not use in dark and wet places. Power tools should not be exposed to rain (water)Do not use power tools where flammable liquids and gas are stored.

11. No idlers are allowed to enter the workplace. Don't let people touch tools or power connection wires.

12. Collection tools. When power tools are not in use, they should be stored in a dry place where children cannot reach them and should be locked.

13. Pay attention to clothing. Do not wear decorations, do not wear loose clothes, so as to avoid dry due to high speed-rotation of the tool. Wear non-slip shoes when working outdoors.

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14. Use safety glasses. Wear a mask and glasses when there is a lot of dust and dust.

15. Fix the work piece. Use fixtures or workbenches to fix work objects for work.

16. Do not spread the scope of operations in one place. Don't take abnormal posture, be sure to maintain a safe posture and maintaining balance.

17. When connecting the power, pay attention to whether the voltage of the power supply is the same as that of the indicator board. When the power supply voltage is higher than the applicable voltage of the tool. Tools are easily damaged and accidents occur easily. Therefore, when the power supply voltage is not determined, do not plug in the electric head casually. on the contrary, if the power supply voltage is lower than the voltage required by the tool, it is harmful to the motor.

18. Avoid in a clean, dry and ventilated environment with a temperature of 0-40°C and a relative humidity of not more than 75% Avoid contact with corrosive substances. Keep the battery pack away from fire and heat sources from rain and water.

19. The product is strictly prohibited ted from charging from the discharge terminal, and must be charged from the charging socket with the matching special charger. When the charging indicator on the charger become green, please remove the charging plug in time to avoid overcharging the battery.

08

How and what to use to lubricate the chain?

The chain position needs to be lubricated to work better (e.g. sewing machine oil). The chain should not be too tight between the chain and the guide plate. Lubricate every 10 minutes while the electric chain saw is working to maintain not only the guide plate but also the chain.

4 INCH CHAIN SAW

Simply drop a small amount of lubricant directly onto the chain and turn the chain to oil it evenly.

6 INCH CHAIN SAW

1. Fill a 25ml oil can with lubricant.
2. Press the blister (in oil).



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Please be free to send your order number and the problem you are experiencing to : sales@gardtech.com
 We will solve the problem for you within 24 hours.



About us: <http://www.gardtech.net>

This manual applies to models:
 SG661087/SG661087-G/SG591266/SG591277
 Please read this instruction manual carefully before using the machine!



正面

反面

尺寸: 95x200mm 折页