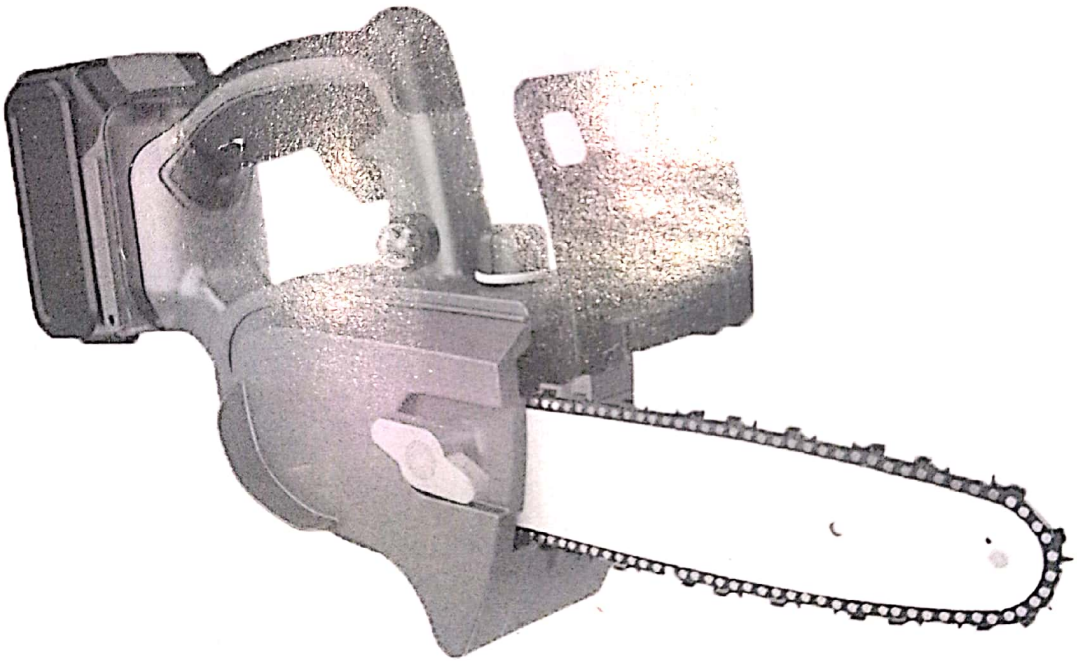
Mini cordless chain saw



Product Using Manual

General safety rules
Warning!
Reading instructions

1) Workplace

a. Keep the workplace clean and bright。Confusion and darkness can lead to accidents

b. Do not operate power tools in explosive environments, such as flammable liquid gases or dust。Sparks from power tools ignite dust or gas

c. Leave the children and bystanders to operate the power tools。The outsider will rest assured of your control.

2 Electrical safety

a. Plug for power tools must match with socket。Never modify the plug in any way

b. Avoid contact with surfaces such as pipes, radiators and refrigerators。If you touch the ground, it increases the risk of electric shock

c. Do not expose power tools to rain or humidity。Water entering the electric tool will increase the risk of electric shock

d. Do not abuse wires。Do not use wires to carry, pull power tools or unplug them。Keep power tools away from heat, oil sharp edges or moving parts。Damaged or twisted wires can increase the risk of electric shock

e. When using electric tools outdoors, use external wires suitable for outdoor use。When using electric tools outdoors, use external wires suitable for outdoor use。Use of external wiring suitable for outdoor use will reduce the risk of electric shock

3 Life security

a. Stay alert, pay attention to what you're doing when you operate an electric tool, and stay awake. Do not operate power tools with tiredness, drugs, alcohol or therapeutic reaction。 Distracting during the operation of power tools can lead to serious life injury

b. Use of safety devices。Always wear goggles。Safety devices such as dust masks, skid safety shoes, helmets under appropriate conditions。 Hearing protection and other devices can reduce personal injury'

c. Avoid sudden start-up。 Ensure that the switch is in the off position when it is plugged into the plug or battery pack. placi your finger on a switch that has been connected to the power supply or inserting the plug when it is plugged in can cause danger

d. Remove all adjustment keys or wrenches before the power tool is connected。 The wrench or key left on the rotating parts of electric tools can cause personal injury

e. Don't stretch your hands too long。 Always pay attention to the balance of your feet and body。 In this way, power tools can be well controlled in case of accidents

f. Dress properly。 Don't wear loose clothes or ornaments。 Keep your hair, clothes and sleeves away from moving parts。 Loose clothing accessories or long hair may get involved in moving parts

g. If debris removal devices are provided, devices that are connected to the dust collector ensure that they are well connected and used properly to reduce debris hazards

4 Matters needing attention in the use of Power tools

a. Do not abuse power tools, use the appropriate power tools according to the purpose。 The use of electric tools with proper design rating will make you work more effectively and safely

b. If the switch cannot turn on or off the power supply of the tool, the power tool cannot be used。Power tools that cannot be controlled by switches are dangerous and must be repaired

c. Before making any adjustments, replacing accessories or storing power tools, it is necessary to unplug the plug from the power supply or remove the battery case from the power supply。This protective measure will reduce the risk of power tools suddenly starting

d. Store idle power tools outside the reach of children, and do not allow people who are not familiar with them or who do not understand these instructions to operate them。Power tools are dangerous in the hands of untrained users

e. Maintenance power tools。Check the installation deviation or clamping of the movement, the breakage of the parts and other conditions affecting the operation of the power tool. If there is damage, the power tool must be repaired before use. Many accidents are caused by poorly maintained power tools

f. Keep cutting tools sharp and clean

g. Accessories and tool tips using power tools as part of operations that do not conform to requirements can lead to dangerous situations

5 Battery tools and precautions

a. Make sure the switch is disconnected before inserting the battery box。Inserting the battery box into the power tool on which the switch state is turned on can cause an accident

b. Charge only with chargers specified by the manufacturer。There is a fire hazard when a charger suitable for one type of battery box is used for another type of battery box.

c. Use only power tools with special battery boxes。Risk of damage and fire with other battery packs

d. When the battery case is not in use, keep it away from other metal liquids and include paper clips, coins, keys, nails, screws, or other small metal objects in case one end is connected to the other then A break at the end of the battery can cause combustion or fire

e. Under the condition of abuse, the liquid will be splashed out of the battery to avoid contact and, if unintentional, rinse with water。 If the liquid touches your eyes, you have to ask for medical help. The liquid splashed from the battery will corrode or burn

6 Maintenance

a. Deliver your power tools to a professional repairman and replace them with the same spare parts。The tool with sharp cutting edge is not easy to jam and easy to control

Battery pack usage

1. The battery produced by our company must be used. We have 21V. 12V battery except 42V. It can only be used when the host with the same voltage is inserted
2. The battery is full. please unplug it.
3. The battery has temperature protection, low voltage protection and overcurrent protection. Abnormal power supply was found when using it. Please check that the use is unreasonable and cause the temperature to be too high and need to be cooled and reused. When the voltage is too low to charge in time, too much working current will also be protected.
4. The battery was found to have sparks, smoke and peculiar smell. Please stop and contact the manufacturer immediately

Charger usage

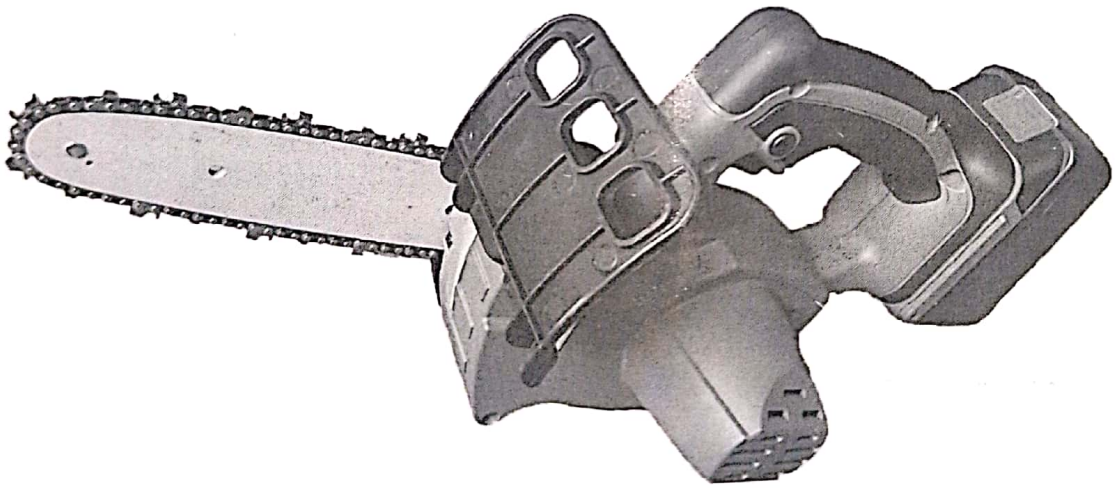
1. We must use the chargers produced by our company. We have three specifications of 21V and 42V, which can only be used when inserting electric + pools of the same voltage. 12V charger has been mentioned in the use of the product.
2. Plug in the green power indicator, plus battery charge, the indicator light is red, full of electricity indicator light is green.
3. Insert the battery, push the battery into the charger with a little force to ensure good contact.
4. Please use it at 0-40 degrees. it is cold in winter in north china. please charge it indoors.

Scope of application

Orchards cut trees, municipal gardens trim branches, cut down bamboo, household firewood, outdoor leisure necessary, personal protective equipment

Installation instructions

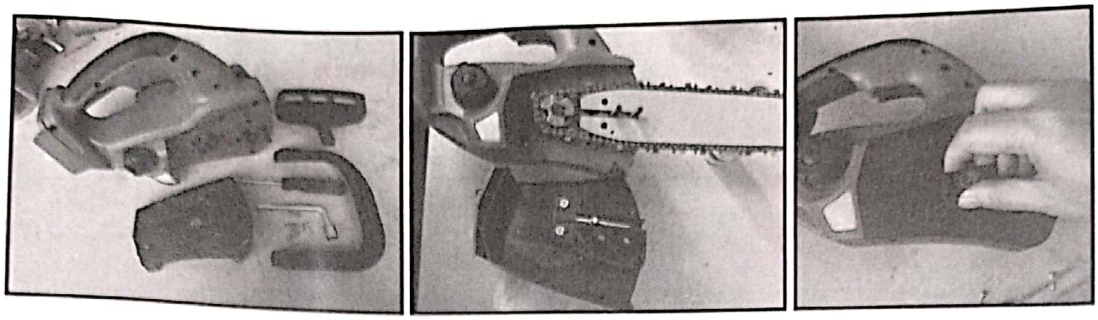
1. Charge the battery, the red light is on when charging, and the green light is on when full of electricity.
2. Install the chain according to the operation chart.
3. After the installation is completed, the first no-load boot, observe the normal operation of the machine.
4. Should not cut too hard, according to the actual cutting situation, first small and then large.



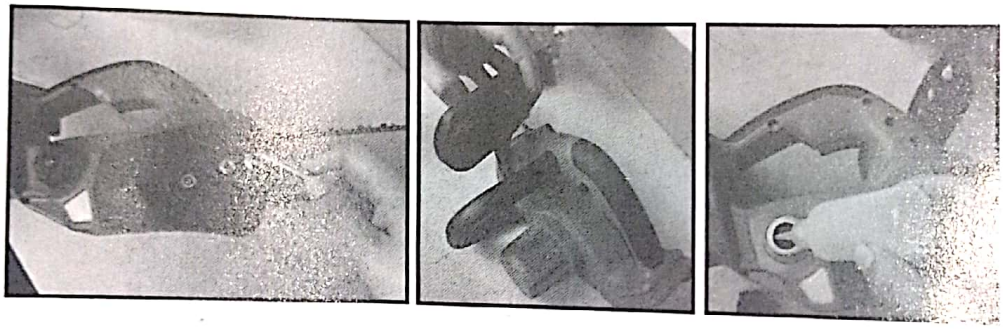
Technical parameters

Voltage	21v	Guide Bar type	Sprocket type
Chain speed	6m/s	NO.OF BARRERY	2pcs
Guide length	8"/10"/12"	Charging time	1.5(3)hours

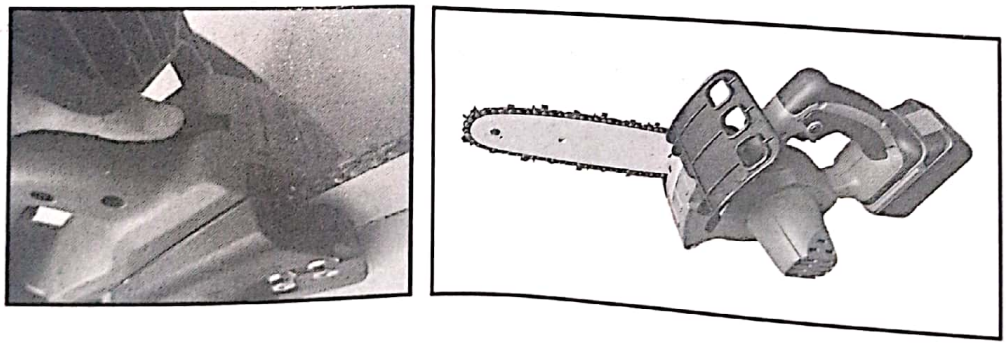
Installation instructions



Guide plate installation, pay attention to the direction of the knife edge on the chain and the main aluminum parts. The direction of the knife edge shown above is the same.



Load the chain into the sprocket and load the guide plate adjustment loosening pin into the guide plate hole



Install the guide gland, install the nut and keep it unscrewed. adjust the guide screw with a screwdriver. Keep the chain in a slightly tight state

Guard plate installation

Attention: the chain should not be too tight, then lock the guide plate pressure cover nut. After the first installation or use