

145x210mm



After Sales Service Record				
CODE	DATE	REPAIR LOCATION	CAUSE AND COUNTERMEASURES OF MALFUNCTION	REMARK
1				
2				
3				
4				

Product Qualification Certificate

Product Model: _____

Product Code: _____

Examination Clerk: _____

- Working Voltage: _____
- Charging Voltage: _____
- Lithium Battery: _____
- The final interpretation right of this product belongs to Canfly Company.
- The pictures in this manual are for reference only. The product is subject to the actual product, any updates will not be notified separately.

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1. Safety and Warning Notice

▲ 1. To ensure your and others' safety, please carefully read the safety warnings and instructions in this manual. Failure to follow the relevant instructions may result in serious consequences

2. Safety Signs

- ▲ Warning label
- ☒ Prohibit arbitrary disposal and scrapping
- 📖 Read the instruction manual
- ☒ Do not use in rainy or humid environments
- ♻️ Recycling label
- 🏠 Indoor usage label

3. Special Instructions

- 1) When using the machine, any part of the body should be kept at least 18cm away from the blade. The blade should be used to cut and remove the object being cut, and should not be used in rain or damp environments to avoid harm and other serious consequences.
- 2) when the machine is in use or stopped, be sure to hold it tightly on the machine handle to prevent damage caused by the blades on the
- 3) This product can only be used by adults and should not be used by minors. If used, accidents may occur, causing harm to others or oneself.

4. Product Overview

1. Performance Description and Explanation

This product is an electric pruning shears driven by lithium batteries, consisting of a machine body, a controller device, a battery pack, etc. It is lightweight, easy to operate with one hand, and simple and convenient to use. It is 8-10 times more efficient than traditional manual pruning and has higher pruning quality than traditional manual scissors. This product combines safety, efficiency, and easy operation, and is mainly used for pruning fruit branches within 32mm.

2. Product Description

- 3) When stopping work, keep the blade in a closed position and use the machine without training;
- 4) Cannot be used on rainy days;
- 5) After using the machine, please clean the dirt between the blades in a timely manner and apply lubricating oil to keep the blades in normal maintenance condition;
- 6) If the switch cannot be turned on normally, do not use the machine to work, in order to avoid danger;
- 7) Ensure that the machine and battery pack are disconnected during any adjustments or replacement of accessories.

3. Precautions for battery pack:

- 1) Please turn off the power switch when connecting the machine to the battery pack, otherwise accidents may occur;
- 2) When the battery pack is not in use, transport metal items such as tongs, paper clips, and keys to prevent short circuits in the battery pack;
- 3) Do not disassemble the battery pack;
- 4) Do not put the battery pack into fire or water;
- 5) Place the battery pack out of reach of children;
- 6) Prohibit the use of damaged battery packs;
- 7) Prohibited for use in non designated areas;
- 8) Long term non use requires fully charging the battery pack for easy maintenance.

5. After sales service and statement

1. Insurance terms:

- 1) The warranty period for this product is 12 months for the entire machine (main components such as lithium batteries) and 1 month for vulnerable parts (blades, etc.);
- 2) If used correctly according to the product specifications, the entire machine and main components can enjoy warranty during the warranty period;
- 3) After the machine malfunctions, it is not allowed to dismantle the entire machine, battery pack, or controller at will. If the fault cannot be confirmed, it will not be covered by the warranty;
- 4) CanFly company reserves the right to make technical modifications to the products described in this manual and the final interpretation right.

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1	LED light slightly on		Standby mode
2	LED light stays on for a long time		User manual mode
3	LED light flashes continuously		Controller protection mode status
	Flashing twice	Repeat	Battery sensor error
	Flashing 3 times	Repeat	Overheat MOS transistor
	Flashing 4 times	Repeat	Half fault
	Flashing 5 times	Repeat	Over current
	Flashing 6 times	Repeat	Mouth blockage protection
	Flashing 7 times	Repeat	Lock of phase
	Flashing 8 times	Repeat	Under-voltage or Over-voltage E2PROM
	Flashing 9 times	Repeat	Battery or CHG temperature (MOS)
	Flashing 10 times	Repeat	PMW over-kill
	Flashing 11 times	Repeat	E2PROM error
	Flashing 12 times	Repeat	Phase measurement failed
	Flashing 13 times	Repeat	Programming error
	Flashing 14 times	Repeat	Scissor head type error

When the controller enters the protection mode, the buzzer sounds synchronously with the LED light;

7) Machine malfunction repair:

Question	Reason	Solution method
Poor pruning effect	Blade clogged	Polish or replace the blade
	Large blade clearance	Adjust the blade gap to fit
	Blade blade	Clean the blade
	High blade friction	Slippery blade
The machine cannot start	The power switch is not turned on	Turn on the power switch
	The battery pack has no charge	Charge
Unable to charge	The charger is not connected correctly	Reconnect the charger
	Poor contact of charging dock	Clean the charging dock
	Battery life up to	Replace battery pack
	The charger is broken	Replace the charger

6. Safety precautions

1. Precautions for machine use:

- 1) Do not cut village branches that exceed the working range of scissors, and do not cut hard objects such as metal, stone, and other non-plant materials;
- 2) Please strictly follow the instructions when using this product. Do not use if the components are damaged;

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Components clearly	
1	Fixed blade
2	Moving blade
3	Fixed axis
4	Switching board machine
5	Blade replacement end cap
6	Chassis handle
7	Battery pack

2. Specification parameters

Product parameters		
1	Rated electric jade	DC 16.5V
2	Rated power	120W
3	Empty current	2A
4	Maximum cutting size	25-30mm (Wet branches) / 30mm (Dry branches)
5	Maintain current	50A
6	Battery pack capacity	2000/2500mAh
7	Working hours	>2-3h
8	Charging time	>2-3h
9	Charging current	1A
10	Scissor weight	0.9KG

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3. Product list

Complete product list	
1	Scissors
2	Charging device
3	Battery pack
4	Color box (tool box)
5	Accessories bag
6	Instruction

4. Battery Pack Ming

- 1) The battery pack of the new product is not fully charged. Before use, please recharge the battery pack. The operation is as follows: insert the output of the charger into the charging end of the battery pack, and then plug the power supply of the charger into the power socket. At this time, the charger indicator light is red. When the indicator light is green, the charging operation is completed and the battery pack can be used for work.
- 2) When the indicator light of the battery pack is on during operation, it is necessary to charge the battery in a timely manner; it should be charged indoors and not placed in a damp environment to prevent moisture from entering. The average charging time is about 2 hours.
- 3) When the battery pack is not used for a long time, please ensure that it is charged at least once every three months.

4) Attention:

- a. Slight heating of the charger and battery pack during charging is a normal phenomenon;
- b. Do not use damaged battery packs, and do not disassemble battery packs and chargers;
- c. Do not put the battery into fire or expose the battery pack to prevent the battery from exploding;
- d. During the charging process, the scissors must be disconnected, and the machine should not be used for charging;
- e. Do not store battery packs in damp environments;

5. Operating instruction

- 1) Open the packaging, take out the battery pack and place it aside, then take out the machine and connect it to the battery pack;
- 2) Turn on the power switch on the machine, and after hearing the prompt sound, press the switch twice within 1 second. The scissors should be in working condition, and press the machine to start working. If the blade stops moving during use, check whether the controller is properly connected to the machine or battery pack. Before starting work, intermittently press the machine blade to close several times without load, check if it is normal, and then start working normally;
- 3) If the scissors encounter branches that cannot be cut during the cutting process, the blade will automatically reset the open position, and then the next normal cutting operation can be carried out. Note: During the blade reset process, do not shake the blade left or right to avoid damaging it;
- 4) Blade size mode change: Press and hold the machine twice within 1 second, and the machine will enter the big mouth working mode. When the machine is pressed and held for 2 seconds, the buzzer will sound once. At this time, the machine will release and enter the small mouth opening mode. The small mouth opening mode is the same as the big mouth mode.

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- 5) When the trigger is pressed and held for 3 seconds, the buzzer enters the small mouth switching mode. If the trigger is still held down at this time, the buzzer will beep after 3 seconds. The device will beep again, the controller will enter standby mode, and the LED light will turn on slightly. The entire machine needs to be reactivated before it can be used.
- 6) Cutting precautions:
 - a. When the machine is running, please keep other parts of your body at least 18cm away from the blade and do not put your hands into the blade;
 - b. After work, please make sure to turn off the power switch between the machine and the battery pack, and put the machine and battery pack together into the tool box;
 - c. Do not forcefully use this machine to cut larger tree branches, as it may cause the blade to deform and get stuck, affecting the product's lifespan;
 - d. When using this machine, please wear gloves.

7. Usage and maintenance instructions

1. Blade maintenance, adjustment, and replacement instructions:

- 1) Blade oil injection: The machine blade is in an open state, and the lubricating oil in the oil bottle is directly injected between the blade and the fixed shaft. Simply place it on the flat bearing, inject it and let the machine cut several times to ensure even distribution of lubricating oil;
- 2) Blade tightness adjustment: Before using the machine, please check the tightness of the blade to ensure that it does not swing left or right. Normal degree, cutting will be effortless and improve the cutting effect; Firstly, use an internal ring wrench to loosen the screw counterclockwise and remove it. With the anti-loosening card, use a hex wrench to adjust the locking nut to the appropriate position (ensuring that the blade does not swing left or right), and then tighten the anti-loosening card. The card is stuck on the locking nut, and the internal plum blossom screw is tightened;
- 3) Blade polishing: With the blade in an open position, turn off the power, unplug the power cord, and use a stone to stroke the outer corner of the blade at an angle. Control at around 20°, polish the inner corner of the blade, and keep the angle at around 5°. After finishing, clean the blade thoroughly;
- 4) Replace blade: The blade is in the open position, turn off the power, remove the screws from the casing decorative cover, take off the decorative cover, and then remove it. Remove the E-shaped card spring, remove the pin, remove the anti-loosening card and locking nut, remove the fixed shaft, replace the blade, and install them in sequence. After replacing other fixed components, turn on the power switch and run them intermittently a few times;

2. Complete machine maintenance and cleaning:

- 1) To ensure the cutting effect, it is necessary to regularly adjust the gap between the movable blade and the fixed blade, and adjust the blade to fit the gap. Adjust to the appropriate gap;
- 2) Please carefully clean the blades after each use of the machine, wipe the blades with oily cloth, and spray metal protective oil continuously. When using for more than 8 hours, please remove the decorative cover of the machine casing to clean wood chips, impurities, etc.;
- 3) When the machine is not in use for a long time, please turn off the power switch on the machine and store it in the tool box;
- 4) Controller LED indicator.

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