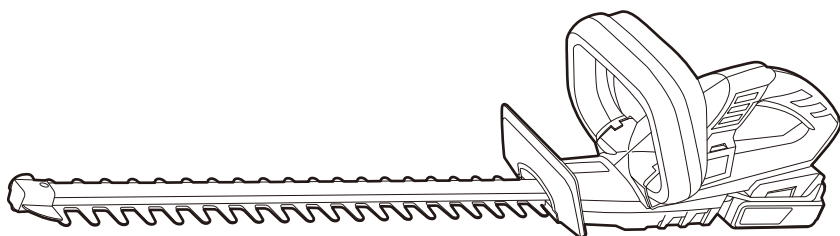


VIVOSUN



Cordless Hedge Trimmer

USER MANUAL

**Love
what
you
grow™**

Welcome to **VIVOSUN**

Thank you for choosing VIVOSUN. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us.

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SAFETY INSTRUCTIONS

General Safety Instructions

1. **WARNING!** Read all safety warnings and all instructions before using this device. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
2. Save all warnings and instructions for future reference.
The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery pack-operated (cordless) power tool.

This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Only use the product in the manner and for the functions described in these instructions.

Work Area Safety

1. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
2. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools can create sparks which may ignite the dust or fumes.
3. Keep children and bystanders well away while operating the hedge trimmer. Distractions can cause you to lose control.

Electrical Safety

1. Power tool plugs must match the intended outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
2. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
3. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

SAFETY INSTRUCTIONS

4. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
5. If the supply cord is damaged, it must be replaced by the manufacturer or supplier, its service agent or similarly qualified persons in order to avoid a hazard.
6. It is recommended that appliances should be supplied via a residual current device (RCD) with a tripping current of not more than 30mA.

Personal Safety

1. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
2. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
3. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
4. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
5. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
6. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts. Always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals.

SAFETY INSTRUCTIONS

Power Tool Use and Care

1. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
2. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
3. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
4. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
5. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
6. Keep cutting parts sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
7. Use the power tool, accessories and tool bits etc. In accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
8. Have your power tool repaired by a qualified professional using only identical spare parts to ensure the safety of the power tool is maintained.

SAFETY WARNINGS

Operation

1. Never operate the appliance which is damaged, incomplete or modified without approval of the manufacturer.
2. Check the hedge for foreign objects, such as wire fences, before operating.
3. Disconnect the battery from the product and turn it off:
 - Whenever you leave the product,
 - Before checking, cleaning or working on the product,
 - Before cleaning blockages or unclogging chute,
 - If the product starts to vibrate abnormally.
4. Operate the product only in daylight or in good artificial light.
5. Do not overreach and keep your balance at all times.
6. Always be sure of your footing on slopes.
7. Walk, never run.
8. Keep all ventilation openings clear of debris.
9. Never blow debris in the direction of bystanders.
10. Keep your face and body away from the opening.
11. Carry the product by the handle with the blade stopped. Always reattach the blade cover when transporting or storing the product. Proper handling of the product will reduce the possibility of personal injury from the cutter blades.
12. Hold the product only with insulated gripping surfaces, as the blade may come into contact with hidden wires or its own cable. Cutter blades contacting a "live" wire can make exposed metal parts of the product "live" and can cause electric shock to the operator.
13. To reduce the effects of noise and vibration, limit the hours of operation, use low-vibration and low-noise operating modes, and wear personal protective equipment.

Residual Risks

Even if you are operating this product in accordance with the provisions, residual risks will always still remain. The following dangers can arise in connection with the structure and design of this product.

SAFETY WARNINGS

1. Health defects resulting from vibration emission if the product is being used over longer period of time or not adequately managed and properly maintained.
2. Injury and property damage from thrown and fallen objects, broken accessories or hidden objects that are suddenly struck.

WARNING!

This product produces an electromagnetic field during operation.

This field may, under some circumstances, interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this product.

Emergency

1. Always be alert when using this product, so that you can recognize and handle risks early. Fast intervention can prevent serious injury and damage to property.
2. Stop the motor and disconnect the battery from the product if there is any malfunction. Have the product checked by a qualified professional and repaired, if necessary, before you put it into operation again.

BATTERIES

1. Do not disassemble or open, drop, mechanical abuse, crush, bend or deform, puncture, or shred the battery in any way.
2. Do not modify, re-manufacture, or insert foreign objects into the battery.
3. Do not immerse or expose the battery to water or other liquids.
4. Do not expose the battery to fire, excessive heat including soldering irons, or put in microwave oven.
5. Only use the battery/tool with a charging system specified by the manufacturer/-supplier.

BATTERIES

6. Do not short-circuit a battery or allow metallic or conductive objects to contact both battery terminals simultaneously.
7. Dispose of used batteries promptly according to the manufacturer/supplier's instructions.
8. Improper battery/tool use may result in a fire, explosion, or other hazard.
9. Battery/tool usage by children should be supervised.

CHARGING

1. Before using battery charger, read all instructions and cautionary warnings on the battery charger and product.
CAUTION: To reduce the risk of injury, use this charger only with this product. Batteries from other products may cause personal injury or damage.
2. Do not expose charger to rain or snow.
3. Use of an attachment not recommended may result in a risk of fire, electric shock, or personal injury.
4. To reduce risk of damage to electric plug and cord, pull by plug rather than cord when disconnecting charger.
5. Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
6. Do not use an extension cord unless absolutely necessary. Using an improper extension cord may result in a risk of fire, electric shock, or electrocution.
7. Use only the supplied charger when charging your tool. The use of any other charger could damage the tool or create a hazardous condition.
8. Do not attempt to open the charger. There are no customer serviceable parts inside. Return to any authorized Black & Decker service center.
9. DO not incinerate the tool or batteries even if they are severely damaged or completely worn out. The batteries can explode in a fire. Toxic fumes and materials are created when lithium-ion battery packs are burned.

CHARGING

10. Do not charge or use the battery in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Inserting or removing the battery from the charger may ignite the dust or fumes.
11. If battery contents come into contact with the skin, immediately wash the area with mild soap and water. If battery liquid gets into the eye, rinse water over the open eye for three minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.

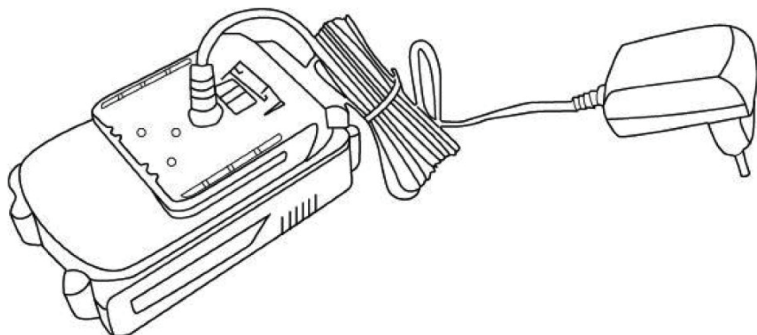
WARNING:

Burn hazard. Battery liquid may be flammable if exposed to spark or flame.

CHARGING PROCEDURE

IMPORTANT: The battery pack is not fully charged at the factory. Before charging them, thoroughly read all of the safety instructions.

1. Ensure that the charger you use are applicable to the battery pack.
2. Plug the charger plug into the charging hole of the battery pack.
3. Plug the charger into any suitable standard outlet.
4. Let the battery pack charge initially for the green light to flashing. If the power lights are all lighting, the battery pack is fully charged.



CHARGING PROCEDURE

Recharge discharged batteries as soon as possible after use or battery life may be greatly diminished. For the longest battery life, do not discharge batteries fully. It is recommended that the batteries be recharged after each use.

WARNING: Fire Hazard. When unplug the output plug from the charging hole, be sure to unplug the charger from the outlet first, then disconnect the charger output plug from the charging hole.

Important Charging Notes

1. Before using the tool for the first time, it must be fully charged.
2. **CAUTION:** To reduce the risk of damage to the batteries, **NEVER** charge them in an air temperature below 40°F (4.5°C) or above 105°F (40.5°C). Also, **NEVER** charge them if the battery temperature is below 40°F (4.5°C) or above 105°F (40.5°C). The longest life and best performance occurs when batteries are charged with an air temperature of approximately 75°F (24°C).
NOTE: The tool will not charge if the tool temperature is below approximately 32°F (0°C) or above 113°F (45°C).
3. While charging, the charger may hum and become warm to touch. This is a normal phenomenon and does not indicate a problem.
4. If the batteries do not charge properly
 - (1) Check the power at the outlet by plugging in a lamp or other device.
 - (2) Check to see if the socket is connected to a light switch which turns power off when you turn out the lights.
 - (3) Move the charger and the tool to a place with the ambient temperature of 40°F (4.5°C) to 105°F (+40.5°C).
 - (4) If the receptacle and temperature are OK, and you do not get proper charging, take or send the entire product to the original retailer with proof of purchase.
5. The tool should be recharged when it fails to produce sufficient power on jobs which were easily done previously. Battery life may be greatly diminished if batteries are discharged deeply.
DO NOT CONTINUE using the product with its batteries in a depleted condition. Recharge discharged batteries promptly.

CHARGING PROCEDURE











6. To maximize battery life:
 - a. Do not fully discharge batteries.
 - b. Fully recharge batteries after each use.
 - c. Store the tool in a location where the ambient temperature is approximately 40°F-75°F (4.5°C- 24°C).
 - d. Disconnect the charger from the tool after the charge is complete.

WARNING: Fire Hazard. When disconnecting the charger from the tool, be sure to unplug the charger from the outlet first, then disconnect the charger cord from the tool.

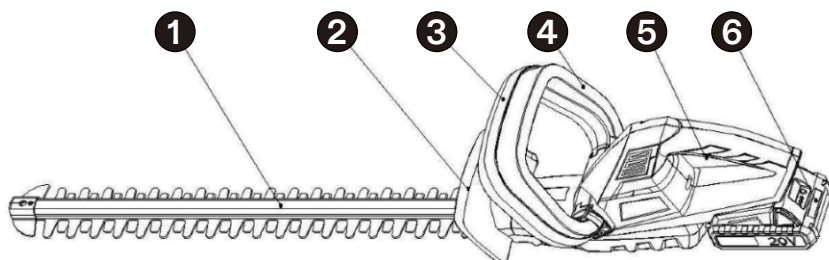
PRODUCT DATA

SKU	CHTrimer-02J
Voltage	DC20V
No load speed	1400min ⁻¹
Blade length	510mm
Cutting capacity	φ14mm
Weight (except accessories)	1.97kg
Noise (tested according to EN50144)	L _p : 75.1 dB(A) L _w : 90.0 dB(A)
Vibration	ahw: 1.89mm/s ²

EXPLANATION OF SYMBOLS

	Read the instruction manual completely and carefully before using the power tool.
	This product should not be disposed of with your other household waste. Follow the disposal instructions in this manual.
	Conforms with the relevant EU directives.
	Do not expose to rain.
	Be careful!
	Wear personal protective equipment. Always wear safety glasses or a face shield, hearing protection and safety helmet.
	Sharp blade can cut limbs.
	Wear gloves for cutting protection.
	Wear safety shoes for preventing slipping.
	The sound power level is indicated by L_{WA} in dB.

NAME OF COMPONENTS



1. Blade	4. Front switch-handle
2. Protector	5. Back switch-handle
3. Locked front handle	6. Battery pack

Package Includes:

- 1× Hedge trimmer
- 2× Battery pack 2.0Ah
- 1× Charger
- 1× Sheath
- 1× Instruction manual

OPERATION INSTRUCTIONS

Intended Use

The hedge trimmer is designed for cutting and trimming of hedges, bushes and shrubs in domestic gardens.

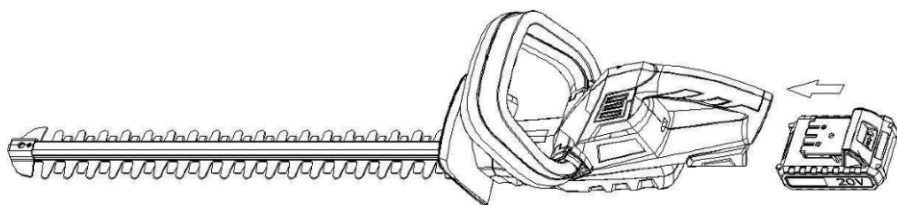
The maximum cutting capacity must be observed. Do not cut branches exceeding the stated maximum capacity.

OPERATION INSTRUCTIONS

The appliance is suitable for the private use in the garden only, not for continuous commercial use.

The appliance is designed for use by adults. Young people over 16 years old may use the appliance under supervision only.

Before using this tool, please insert the battery pack into the device. Always use the correct battery pack.



To turn on the machine, push down the Front Switch-Handle ④ and the Back Switch-Handle ⑤ simultaneously.

Releasing one of the two switch-handles will cause the machine to stop suddenly, in this case you will see sparks coming from the ventilation slot, do not worry, this is a normal phenomenon and will not damage the machine. You will probably notice a burning smell coming from the motor, again do not worry, as this is the electric brake which always produces a little smoke, especially when using the device for the first time.

When you finish your work, remove and recharge the battery, clean the blade, and lubricate the blade after each use to prolong the life of the blade and the product. Apply a light machine oil along the edge of the cutting blade. Store the machine with the sheath covering the entire blade.

Changing the Blade

Check the blade periodically and replace it immediately if damaged.

It can be difficult to change the blade by yourself, so we recommend that you have the blade changed by an authorized service center or a professional.

GENERAL INFORMATION

If older hedges need to be cut back a substantial amount, use pruning shears to trim thicker branches to the desired length before using the hedge trimmer.

Ensure that the blade does not come in contact with anything that could damage it, such as fence wire or metal plant supports.

Native hardwoods should not be cut with a hedge trimmer, as they will damage the blade.

The hedge trimmer is designed to cut soft new growth and should only be used to cut such material.

MAINTENANCE AND CARE

1. Keep all nuts, bolts, and screws tight to ensure that the product is in safe operating condition.
2. Always remove the battery pack from the machine before working on or cleaning the machine.
3. Check the collection bag frequently for wear or deterioration.
4. Replace any worn or damaged parts immediately. Do not use if any part of the trimmer is damaged.
5. Only store the product in a cool, dry place.
6. Use only replacement parts and accessories approved by the manufacturer.
7. The appliance is maintenance-free. If, despite careful manufacture and rigorous quality control, damage is found, the appliance may be repaired only by an authorized service agent.

ENVIRONMENTAL PROTECTION

The package, machine and accessories are made of recyclable materials and must be disposed of accordingly. The plastic components of the machine are marked.

This makes it easier to categorize raw materials for environmentally friendly disposal.

WARRANTY

Your product is warranted for a period of 1 year from the original date of purchase. If the product is defective, it will be replaced in accordance with the terms of this warranty.

Your warranty form should be retained by you at all times, in order to make a claim under this warranty, you must return the product with your receipt of purchase, before returning your product for warranty, please contact us via our after sales support services.

Damage due to normal wear and tear, overloading, alteration, or improper handling is excluded from the warranty.

Designed by **VIVOSUN** in California.
Made in China