

WARNING CORDLESS HEDGE TRIMMER SAFETY

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface, or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced, or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

⚠ WARNING: Lithium-ion Batteries and/or products that contain Lithium-ion Batteries can expose you to chemicals including cobalt lithium nickel oxide, and nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65warnings.ca.gov

General Power Tool Safety Warnings

WARNING Read all safety warnings & all instructions. Failure to follow the warnings & instructions may result in electric shock, fire and/or serious injury. The term "power tool" in the warnings refers to your battery-operated (cordless) power tool.

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 create sparks which may ignite the dust or fumes.
3. **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Electrical safety

4. **Power tool plugs must match the 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.
5. **Avoid body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators.** There is an increased risk of electric shock if your body is grounded.
6. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
7. **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of an GFCI reduces the risk of electric shock.

Personal safety

8. **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.
9. **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.
10. **Prevent unintentional starting. Ensure the switch is in the off position before connecting to 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.
11. **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.
12. **Do not overreach. Keep proper footing & balance at all times.** This enables better control of the power tool in unexpected situations.
13. **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.
14. **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.
15. **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.**
16. **Disconnect 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.
17. **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.
18. **Use of the power tool for operations different from those intended could result in a hazardous situation.**
19. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
20. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create risk of injury & fire.
21. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
22. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
23. **Keep handles dry, clean, & free from oil & grease.**

HEDGE TRIMMER SAFETY WARNINGS

1. **Keep all parts of the body away from the cutter blade. Do not remove cut material or hold material to be cut when blades are moving. Make sure the switch is off when clearing jammed material. Blades coast after turning off.** A moment of inattention while operating the hedge trimmer may result in serious personal injury.
2. **Carry the hedge trimmer by the handle with the cutter blade stopped.** Proper handling of the hedge trimmer will reduce possible personal injury from the cutter blades.
3. **Hold the power tool by insulated gripping surfaces only, because the cutter blade may contact hidden wiring.** Cutter blades contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
4. **DANGER - Keep hands away from blade.** Contact with blade will result in serious personal injury.
5. **Do not use the hedge trimmer in the rain or in wet or very damp conditions.** The electric motor is not waterproof.
6. First-time users should have an experienced hedge trimmer user show them how to use the trimmer.
7. The hedge trimmer must not be used by children or young persons under 18 years of age. Young persons over 16 years of age may be exempted from this restriction if they are undergoing training under the supervision of an expert.
8. Use the hedge trimmer only if you are in good physical condition. If you are tired, your attention will be reduced. Be especially careful at the end of a working day. Perform all work calmly and carefully. The user is responsible for all damages to third parties.
9. Never use the trimmer when under the influence of alcohol, drugs, or medication.
10. Work gloves of stout leather are part of the basic equipment of the hedge trimmer and must always be worn when working with it. Also wear sturdy shoes with anti-skid soles.
11. Before starting work check to make sure that the trimmer is in good and safe working order. Ensure guards are fitted properly. The hedge trimmer must not be used unless fully assembled.
12. Make sure you have a secure footing before starting operation.
13. Hold the tool firmly when using the tool.
14. Do not operate the tool at no-load unnecessarily.
15. Immediately switch off the motor and remove the battery cartridge if the cutter should come into contact with a fence or other hard object. Check the cutter for damage, and if damaged repair immediately.
16. Before checking the cutter, taking care of faults, or removing material caught in the cutter, always switch off the trimmer and remove the battery cartridge.
17. Switch off the trimmer and remove the battery cartridge before doing any maintenance work.
18. When moving the hedge trimmer to another location, including during work, always remove the battery cartridge and put the blade cover on the cutter blades. Never carry or transport the trimmer with the cutter running. Never grasp the cutter with your hands.

WARNING:

Use of this product can create dust containing chemicals which may cause respiratory or other illnesses. Some examples of these chemicals are compounds found in pesticides, insecticides, fertilizers, and herbicides. Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well-ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

Symbols

The followings show the symbols used for tool.

v	· volts
— — —	· direct current
n ₀	· no load speed
... /min r /min	· revolutions or reciprocation per minute

IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CARTRIDGE

1. Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.
2. Do not disassemble battery cartridge.
3. If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.
4. If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.
5. Do not short the battery cartridge:
 - (1) Do not touch the terminals with any conductive material.
 - (2) Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.
 - (3) Do not expose battery cartridge to water or rain.A battery short can cause a large current flow, overheating, possible burns and even a breakdown.
6. Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 122 ° F.
7. Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.
8. Be careful not to drop or strike battery.
9. Do not use a damaged battery.
10. Follow your local regulations relating to disposal of battery.

SAVE THESE INSTRUCTIONS.

Tips for maintaining maximum battery life

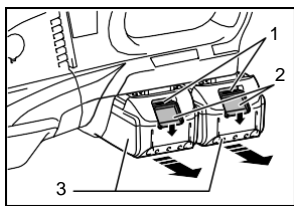
1. Charge the battery cartridge before completely discharged.
Always stop tool operation and charge the battery cartridge when you notice less tool power.
2. Never recharge a fully charged battery cartridge.
Overcharging shortens the battery service life.
3. Charge the battery cartridge with room temperature at 50 ° F - 104 ° F. Let a hot battery cartridge cool down before charging it.
4. Charge the battery cartridge once in every six months if you do not use it for a long period of time.

FUNCTIONAL DESCRIPTION

⚠CAUTION:

- Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool.

Installing or removing battery cartridge



1. Red indicator
2. Button
3. Battery cartridge

⚠CAUTION:

- Always switch off the tool before installing or removing of the battery cartridge.
- **Hold the tool and the battery cartridge firmly when installing or removing battery cartridge.** Failure to hold the tool and the battery cartridge firmly may cause them to slip off your hands and result in damage to the tool and battery cartridge and a personal injury.

To remove the battery cartridge, slide it from the tool while sliding the button on the front of the cartridge. To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click. If you can see the red indicator on the upper side of the button, it is not locked completely.

⚠CAUTION:

- Always install the battery cartridge fully until the red indicator cannot be seen. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.

- Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

NOTE:

- The tool does not work with only one battery cartridge.

Tool/ battery protection system

The tool is equipped with a tool/battery protection system. This system automatically cuts off power to the motor to extend tool and battery life.

The tool will automatically stop during operation if the tool or battery are placed under one of the following conditions. In some conditions, the indicators light up.

Overload protection

When the tool is operated in a manner that causes it to draw an abnormally high current, the tool automatically stops without any indication. In this situation, turn the tool off and stop the application that caused the tool to become overloaded. Then turn the tool on to restart.

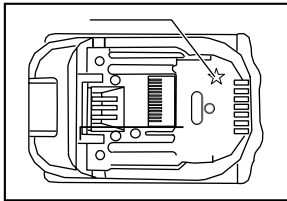
Overheat protection for tool/ battery

When the tool/ battery is overheated, the tool stops automatically without any indication. The tool does not start even if pulling the switch trigger. In this situation, let the tool/ battery cool before turning the tool on again.

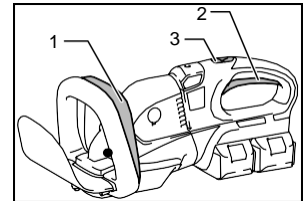
NOTE:

The battery overheat protection works only with a battery cartridge with a star marking.

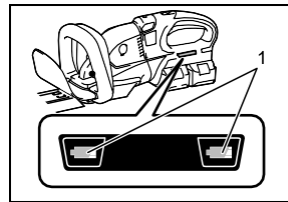
1. Star marking



1. Switch trigger
2. Switch trigger
3. Lock-off button



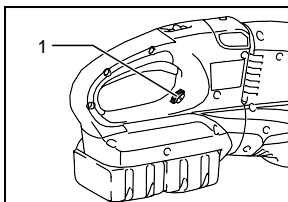
Overdischarge protection 1. Battery indicator



For your safety, this tool has a dual switching system. To turn on the tool, press the lock-off button and press the switch trigger A and B. To turn off the switch, release either one of the switch triggers. The tool only starts when pulling the both switch triggers.

Speed change

1. Adjusting dial

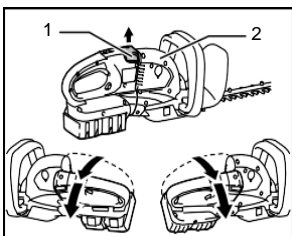


When the remaining battery capacity gets low, the battery indicator blinks on the applicable battery side. By further use, the tool stops, and the battery indicator lights up about 10 seconds. In this situation, charge the battery cartridge.

Handle mounting positions

△CAUTION:

- Always make sure that the handle is locked in the desired position before operation.



1. Knob
2. Housing

Depending on the operations, you can set the angle of the handle either 45° or 90° position on left or right. To turn the handle, pull the knob and turn the handle as shown in the figure. The handle is locked in 45° position. To turn the handle to 90° position, pull the knob again and turn the handle more.

Switch Action

Number on adjusting dial	Strokes per minute (min^{-1})
6	1,800
5	1,750
4	1,650
3	1,500
2	1,300
1	1,000

⚠CAUTION:

- Before inserting the battery cartridge into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

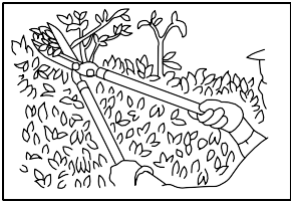
The speed adjusting dial can be turned only as far as 6 and back to 1. Do not force it past 6 or 1, or the speed adjusting function may no longer work.

- The strokes per minute vary by the conditions of battery cartridge and shear blades.

OPERATION

⚠CAUTION:

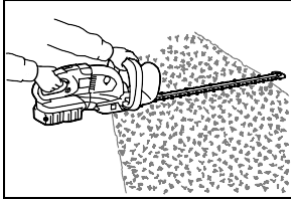
- Be careful not to accidentally contact a metal fence or other hard objects while trimming. The blade will break and may cause serious injury.
- Overreaching with a hedge trimmer, particularly from a ladder, is extremely dangerous. Do not work from anything wobbly or infirm.



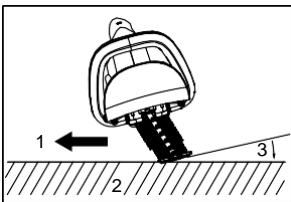
Do not attempt to cut branches thicker than 10 mm diameter with this trimmer. These should first be cut with shears down to the hedge trimming level.

⚠CAUTION:

- Do not cut off dead trees or similar hard objects. Failure to do so may damage the tool.

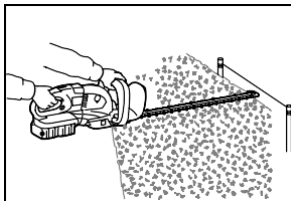


Hold the trimmer with both hands and pull the switch trigger A or B and then move it in front of your body.



1. Trimming direction
2. Hedge surface to be trimmed
3. Tilt the blades.

As a basic operation, tilt the blades towards the trimming direction and move it calmly and slowly at the speed rate of 3 - 4 seconds per meter.



To cut a hedge top evenly, it helps to tie a string at the desired hedge height and to trim along it, using it as a reference line.

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator.

IF there is any doubt as to the operation or safety of the equipment,

DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!!

FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH