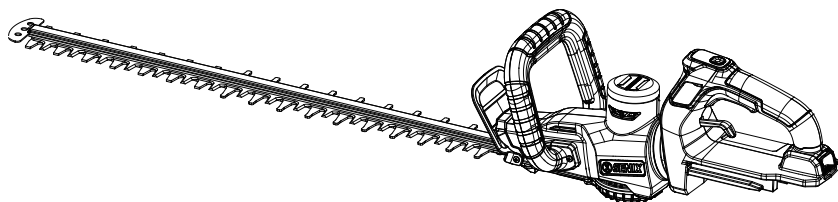




## CORDLESS HEDGE TRIMMER



**CAUTION:** Before using this tool, please read this manual completely, and follow all operating safety measures.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE

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## SAFETY & INTERNATIONAL SYMBOLS

Explanation of Safety & international symbols describes safety and international symbols and pictographs that may appear on this product. Read the operator's manual for complete safety, assembly, operating and maintenance and repair information.



Caution / Warning.



WARNING - To reduce the risk of injury, user must read instruction manual.



Wear head protection. Wear eye protection. Wear ear protection.



Wear a dust mask.



Wear safety footwear.



Wear protective gloves.



Do not expose the product to rain or wet conditions.



Keep hands away from danger.



Keep hands away from blade.



Objects thrown by the product could hit the user or other bystanders. Always ensure that other people and pets remain at a safe distance from the product when it is in operation. In general, children must not come near the area where the product is.



No-load speed.



RCM Mark



Class II equipment (Charger).



Power tools that are no longer usable and defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

# SAFETY INSTRUCTIONS

## ORIGINAL INSTRUCTIONS

### GENERAL POWER TOOL SAFETY WARNINGS



#### WARNING!

Read all safety warnings, instructions, illustrations and specifications, provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

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-operated (cordless) power tool.

#### 1) Work Area Safety

- a. **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b. **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.*
- c. **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

#### 2) Electrical Safety

- a. **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.*
- b. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
- c. **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the battery charger. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*

- e. **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.*
- f. **If operating a battery charger in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

#### 3) Personal Safety

- a. **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.*
- b. **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*
- c. **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 energising power tools that have the switch on invites accidents.*
- d. **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.*
- e. **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
- g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*
- h. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

#### 4) Power Tool Use And Care

- a. **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.*

- b. **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.*
  - c. **Disconnect the plug from the power source and/or remove the battery pack, if detachable, 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.*
  - d. **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.*
  - e. **Maintain power tools and accessories. 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.*
  - f. **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
  - g. **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.*
  - h. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*
- 5) Battery Tool Use And Care**
- a. **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.*
  - b. **Use power tools only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
  - c. **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.*
  - d. **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.*
  - e. **Do not use a battery pack or tool that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury*
  - f. **Do not expose a battery pack or tool to fire or excessive temperature.** *Exposure to fire or temperature above 130°C may cause explosion.*
  - g. **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*



## WARNING!

Use only SENIX X6 batteries (B30x6, B40x6, B60x6, B80x6 and B120x6) and chargers (CHX6-L-EU, CHQX6-EU, CHQX6-M-EU and CHDX6-M-EU).

### 6) Service

- a. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*
- b. **Never service damaged battery packs.** *Service of battery packs should only be performed by the manufacturer or authorized service providers.*

## HEDGE TRIMMER SAFETY WARNINGS

- a. **Do not use the hedge trimmer in bad weather conditions, especially when there is a risk of lightning.** *This decreases the risk of being struck by lightning.*
- b. **Keep all power cords and cables away from cutting area.** *Power cords or cables may be hidden in hedges or bushes and can be accidentally cut by the blade.*
- c. **Wear ear protection.** *Adequate protective equipment will reduce the risk of hearing loss.*
- d. **Hold the hedge trimmer by insulated gripping surfaces only, because the blade may contact hidden wiring.** *Blades contacting a "live" wire may make exposed metal parts of the hedge trimmer "live" and*

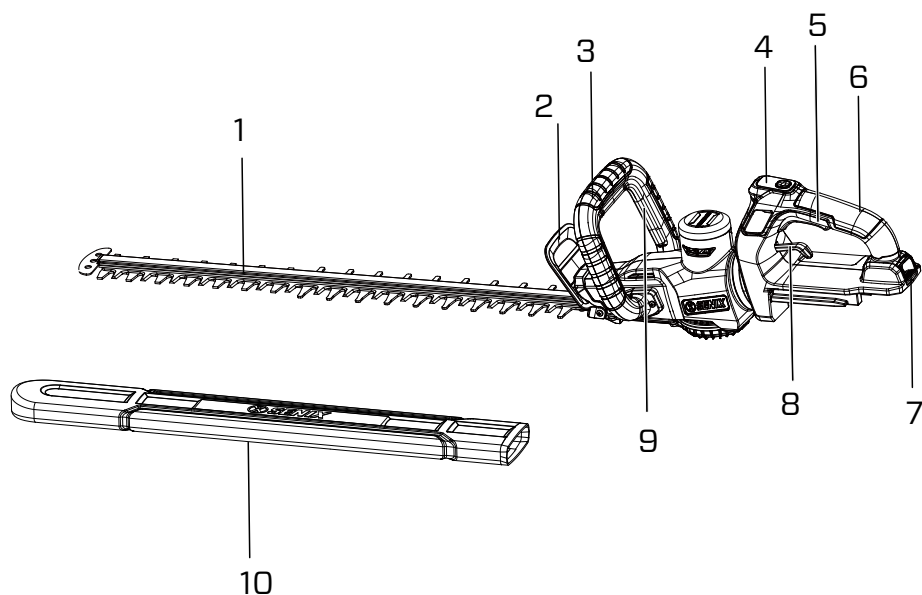
- could give the operator an electric shock.*
- e. **Keep all parts of the body away from the blade. Do not remove cut material or hold material to be cut when blades are moving.**  
*Blades continue to move after the switch is turned off. A moment of inattention while operating the hedge trimmer may result in serious personal injury.*
  - f. **When clearing jammed material or servicing the hedge trimmer, make sure all power switches are off and the battery pack is removed or disconnected.**  
*Unexpected actuation of the hedge trimmer while clearing jammed material or servicing may result in serious personal injury.*
  - g. **Carry the hedge trimmer by the handle with the blade stopped and taking care not to operate any power switch.** *Proper carrying of the hedge trimmer will decrease the risk of inadvertent starting and resultant personal injury from the blades.*
  - h. **When transporting or storing the hedge trimmer, always use the blade cover.** *Proper handling of the hedge trimmer will decrease the risk of personal injury from the blades.*

## SAVE THESE INSTRUCTIONS

### INTENDED USE

This cordless hedge trimmer is intended for cutting and trimming hedges and bushes in domestic areas. It is not intended to be used for cutting above shoulder level. Do not use it for other purpose.

# KNOW YOUR UNIT



## APPLICATIONS

Model: HTX6-M1-EU

As a cordless hedge trimmer:

Cutting and trimming hedges and bushes in domestic areas.

1	Blade Assembly
2	Hand Guard
3	Front Handle
4	Control Panel
5	Rear Switch Trigger
6	Rear Handle
7	Battery-Release Button
8	Handle Lock Lever

9	Front Switch Trigger
10	Blade Sheath

## SPECIFICATIONS\*

Model	HTX6-M1-EU
Input Voltage	56 V $\approx$ (60 V Max*)
Rated Output Power	350 W
No-Load Speed	2 800 SPM (Eco) 3 400 SPM (Max)
Blade Length	690 mm
Cutting Length	660 mm
Tooth Space	40 mm
Cutting Capacity	33.5 mm
Recommended Operating Temperature	0 °C - 40 °C
Recommended Storage Temperature	-20 °C - 70 °C
Guaranteed sound power level (dB(A))	97
Measured sound power level (dB(A))	94
Sound pressure level (dB(A))	86
Vibration level (K=1.5m/s <sup>2</sup> )	> 2.5
Weight (Tool Only)	3.86 kg

\*60V Max battery, maximum initial battery voltage (measured without a workload) is 60V. The nominal voltage is 56V.

## ASSEMBLY

1. Unpack all parts and lay them on a flat, stable surface:
2. Remove all packing materials and shipping devices, if applicable.
3. The scope of delivery varies depending on the country and purchased variant.  
Model HTX6-M1-EU
  - Hedge trimmer x1
  - Blade Sheath x1
  - Instruction manual x1
4. If you find that parts are missing or show

damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.

5. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.



### WARNING!



Wear protective gloves for this assembly work and always lay the product on a flat and stable surface while assembling.



Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product!  
Do not insert the battery pack before the power tool is completely assembled or adjusted!



### WARNING!

The hand guard shall never be removed during use. Once damaged, replace it immediately by a qualified service technician.



### WARNING!

The cordless hedge trimmer has been shipped completely assembled. To use the product, you only need to install the battery pack.

## INSTALLING/REMOVING THE BATTERY PACK



### NOTE:

Charge the battery pack before first use.

#### To install:

Align and push the battery pack into the slots of the battery docking port until it locks in place.

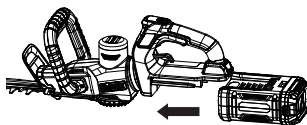


Fig. 1

#### To remove:

Depress the battery-release button and pull

the battery pack out.

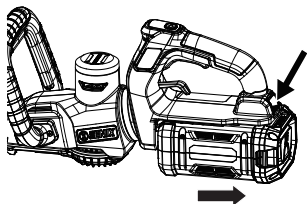


Fig. 2



## NOTE:

Refer to the manuals for the charger and battery pack for more details about how to charge the battery pack and other information.

## OPERATION



### WARNING!

Keep hands away from blades. Do not reach underneath work or around or over the blade while blade is moving. Do not attempt to remove cut material when blade is moving.



### WARNING!

The safe use of this product requires an understanding of the information on the tool and in this operator's manual, as well as knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.



### WARNING!

Always lubricate the cutting blade with protective spray before use and storage.

## GENERAL OPERATION TIPS

1. Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.
2. Always wear eye protection with side shields. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.
3. To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the tool when assembling parts, making adjustments, cleaning, or when not in use.
4. Do not use any attachments or accessories

not recommended by the manufacturer. The use of attachments or accessories not recommended can result in serious personal injury.

5. Check the product as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear.
6. Ensure that the air vents are always unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product
7. Always hold the product on its handles.
8. Keep the handles dry and free from lubricant to ensure safe holding.
9. Keep your body and feet in safety distance.
10. Clear the area to be cut before each use. Remove all objects, such as cords, lights, wire, or string which can become entangled in the cutting blade and create a risk of serious personal injury.
11. Run the machine to the top speed before cutting.
12. Switch the product off immediately if you are disturbed while working by other people entering the working area. Always let the product come to complete stop before putting it down.
13. Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.
14. Avoid trimming too much at one time or through the heavy shrubbery. This can cause the blades to bind and slow, reducing the cutting efficiency.
15. The hedge trimmer is intended to be used by the operator at ground level and not on ladders or any other unstable support.

## STARTING/STOPPING THE HEDGE TRIMMER

Before operating, remove the shield and insert the battery pack.



### WARNING!

Always hold the trimmer with both hands while operating. one hand on the rear handle and the other on the front handle. Then check for balanced footing, upright standing and a proper cutting distance.



### WARNING!

Always keep both hands on the hedge trimmer



handles. Never hold shrubs with one hand and operate the hedge trimmer with the other. Failure to heed this warning may result in serious injury.

**To start:**

Grasp the front switch trigger with one hand and the rear switch trigger with the other hand.

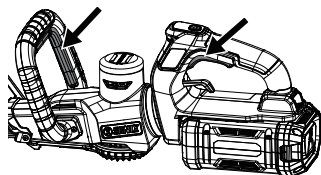


Fig. 3

**To stop:**

Release either of the switch triggers to stop it.

## ADJUSTING THE REAR HANDLE

For easy operation, the position of the rear handle can be adjusted.

Stop the hedge trimmer and pull the lock lever up while setting the position of the rear handle.

Release the lock lever and the rear handle position is fixed.



### WARNING!

The hedge trimmer's rear handle can be set in five positions ( $0^\circ/\pm 45^\circ/\pm 90^\circ$ )

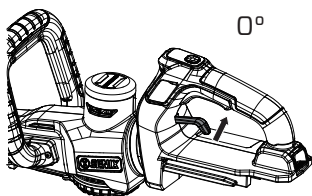


Fig. 4

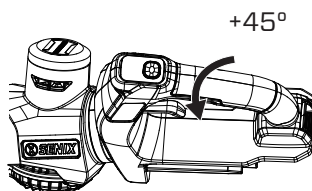


Fig. 5

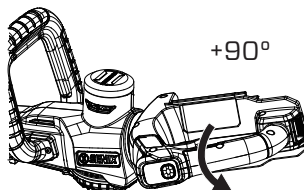


Fig. 6

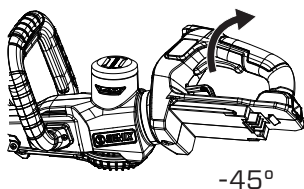


Fig. 7

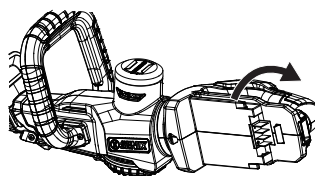


Fig. 8



### WARNING!

When the handle is adjusted, the cutting blade must not be running.



### NOTE:

While working, the handle should always be facing upwards irrespective of how the hedge trimmer is directed.

# CONTROL PANEL

## Battery pack power display:

When the hedge trimmer is switched on/off, the battery pack power display will keep lighting for 5 seconds. When the battery pack has low voltage, the power display will flash.

## ECO indicator:

The ECO indicator is off after inserting the battery pack. Press the ECO indicator button and the indicator is on. If the trigger is not activated, the indicator will go out after keeping lit for 5 seconds. If the trigger is activated, the indicator will keep lighting till the trigger is turned off.

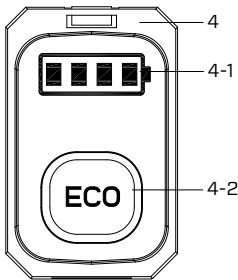


Fig. 9

4	Control panel
4-1	Battery pack power display
4-2	ECO indicator

# CUTTING TIPS



## WARNING!

Never cut near electric cords or lines. If blade jams on any electrical cord or line, **DO NOT TOUCH THE BLADE! IT CAN BECOME ELECTRICALLY LIVE AND VERY DANGEROUS.** Continue to hold the hedge trimmer by the insulated rear handle or lay it down and away from you in a safe manner. Disconnect the electrical service to the damaged line or cord before attempting to free the blade from the line or cord. Contact with the blade, other conductive parts of the hedge trimmer, or live electric cords or lines will cause serious personal injury.

- Before starting the hedge trimmer, hold

the unit with both hands with the cutting blades directed away from you. Always use the hedge trimmer properly.

- Stop the product to allow the blades to stop and remove the battery pack before attempting to remove the obstruction in the blade.
- Always hold hedge trimmer with both hands when operating. Use a firm grip on the handles. Never hold shrubs with one hand and operate the hedge trimmer with the other. Improper operation of the product could cause serious personal injury.

# MAINTENANCE



## WARNING:

Always switch the product off, remove the battery pack and let the product cool down before performing cleaning and maintenance work!

Always wear eye, hearing, hand, foot and body protection to reduce the risk of injury when operating this unit.



## WARNING!

Only perform cleaning and maintenance work according to these instructions! All further works must be performed by a qualified specialist! And only use specified spare parts for replacement.



## WARNING!

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

# LUBRICATING THE BLADE

Always allow the blades of the hedge trimmer to come to a complete stop and pull out the battery pack before lubricating. Failure to do so could result in accidental starting causing possible serious personal injury.

For easier operation and longer blade life, lubricate the hedge trimmer blade before and after each use.

If you will not be using the hedge trimmer for an extended time, it is advisable to oil the blade periodically.

Stop the hedge trimmer. Pull out the battery pack from the product. Lay the hedge trimmer on a flat surface and apply light weight

machine oil along the edge of the top blade.

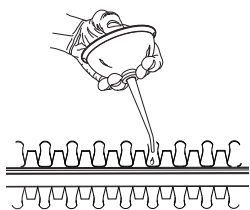


Fig. 10

## SHARPENING THE BLADE



### NOTE:

Allow the blades of the hedge trimmer to come to a complete stop in the position shown. This will allow clearance for the file between the cutter teeth and the guard teeth.

Remove and pulling out the battery pack from the product.

Clamp the blade assembly in a vise and file the exposed cutting surface of each blade tooth with a 20.32 cm. Smooth round file, 0.635 cm or 0.56 cm in diameter. Be sure to retain the original angle of the tooth when filing. In order to file both sides of each cutter tooth, you may need to momentarily run the hedge trimmer until the opposing side of the cutter teeth are exposed. Do not run the hedge trimmer while it is locked into the vise. Make sure all tools for sharpening have been removed before installing the battery. Remove the battery pack and repeat the sharpening process for the newly exposed teeth.

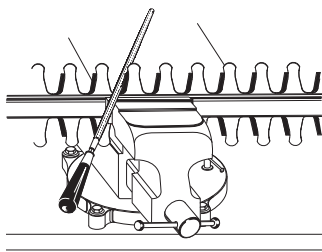


Fig. 11

## CLEANING

- Switch the product off, pull out the battery pack from the product.
- Use a soft brush to remove debris from air vents and cutting blade.

- Wipe the surface with a dry cloth.
- Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene, can damage plastic. Wipe off any moisture with a soft cloth.

## TRANSPORTATION

- Always place the shield on the blade before transporting the hedge trimmer. Use caution to avoid the sharp teeth of the blade.
- Always carry the product by its handle.
- Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
- Secure the product to prevent it from slipping or falling over, damage or injury.

## STORAGE

- Clean the product as described above.
- Keep away from corrosive agents such as garden chemicals and deicing salts.
- Store the product and its accessories in a dark, dry, frost-free, well-ventilated place.
- Keep out of reach of children or pets. The ideal storage temperature is between 0°C - 25°C.
- It is best to store the battery pack and the charger in an ambient temperature between 10°C - 26°C.
- We recommend using the original package for storage or covering the product with a suitable cloth or enclosure to protect it against dust.

## DISPOSAL

Waste product should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice. Users should clean up dust generated during operation to protect environment.



Electrical products should not be discarded with household products. Used electrical products must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

## TROUBLESHOOTING

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore, check the product using this section. In most cases the problem can be solved quickly.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Product does not start.	Battery pack not properly attached.	Attach properly.
	Battery pack discharged.	Remove and charge battery pack.
	Battery pack damaged.	Replace with a new one.
	The hedge trimmer is too hot.	Release both switch triggers and allow the trimmer to cool.
	The two switch triggers are not depressed simultaneously.	Depress the switch triggers on the front and rear handle simultaneously.
	The blade is jammed.	Remove the battery pack from the tool, remove the obstruction carefully, then reinsert the battery and restart the tool.
Product does not reach full power.	Battery pack discharged.	Charge battery pack.
	Air vents are blocked.	Clean the air vents.
Unsatisfactory result.	Damaged or worn blade.	Replace with a new one.
Excessive vibration or noise.	Dry or corroded blade.	Lubricate the blades, following the section "LUBRICATING THE BLADE" in this manual.
	Blade is bent.	Replace with a new blade. Contact an authorized service center for blade replacement service.
	Bent or damaged teeth.	Replace with a new blade. Contact an authorized service center for blade replacement service.
	Loose blade bolts.	Tighten the blade bolts. Using a wrench, turn the bolt clockwise to tighten.