

Gracious Gardens

3.6V Lithium Cordless Grass & Shrub Shear

GGHHT36

User Manual

Please read and
retain for future
reference



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Thank you for purchasing our 3.6V Lithium Cordless Grass & Shrub Shear which has been designed to give many years of service under normal use. In order to get the most from your 3.6V Lithium Cordless Grass & Shrub Shear please carefully read and follow the instruction provided.

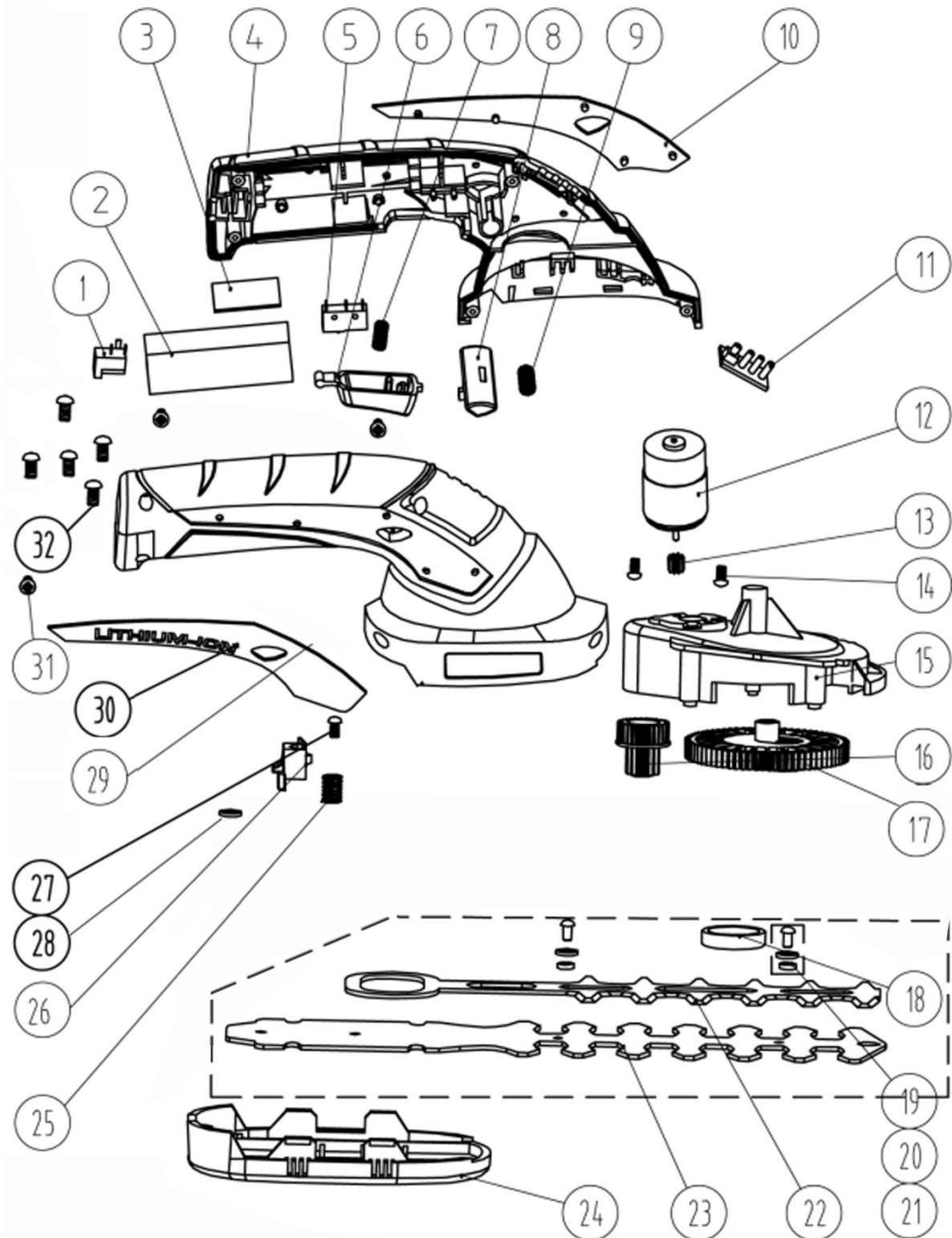
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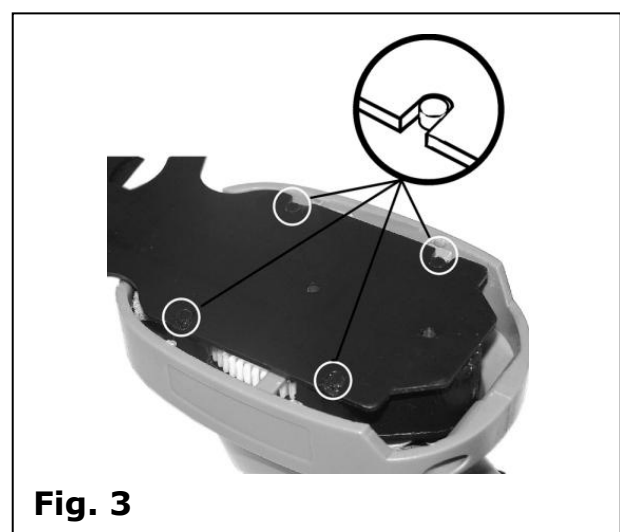
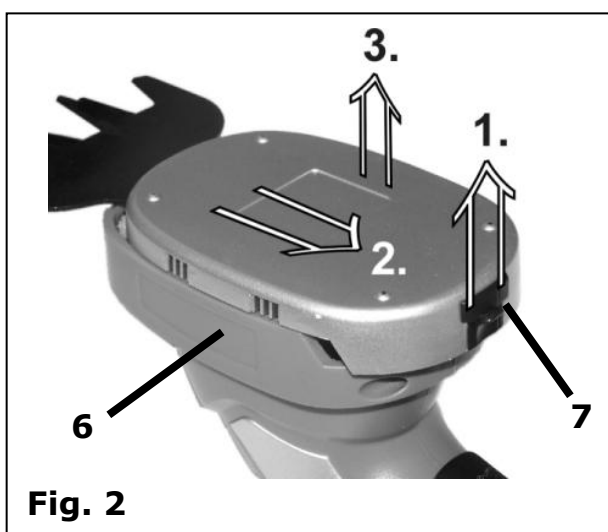
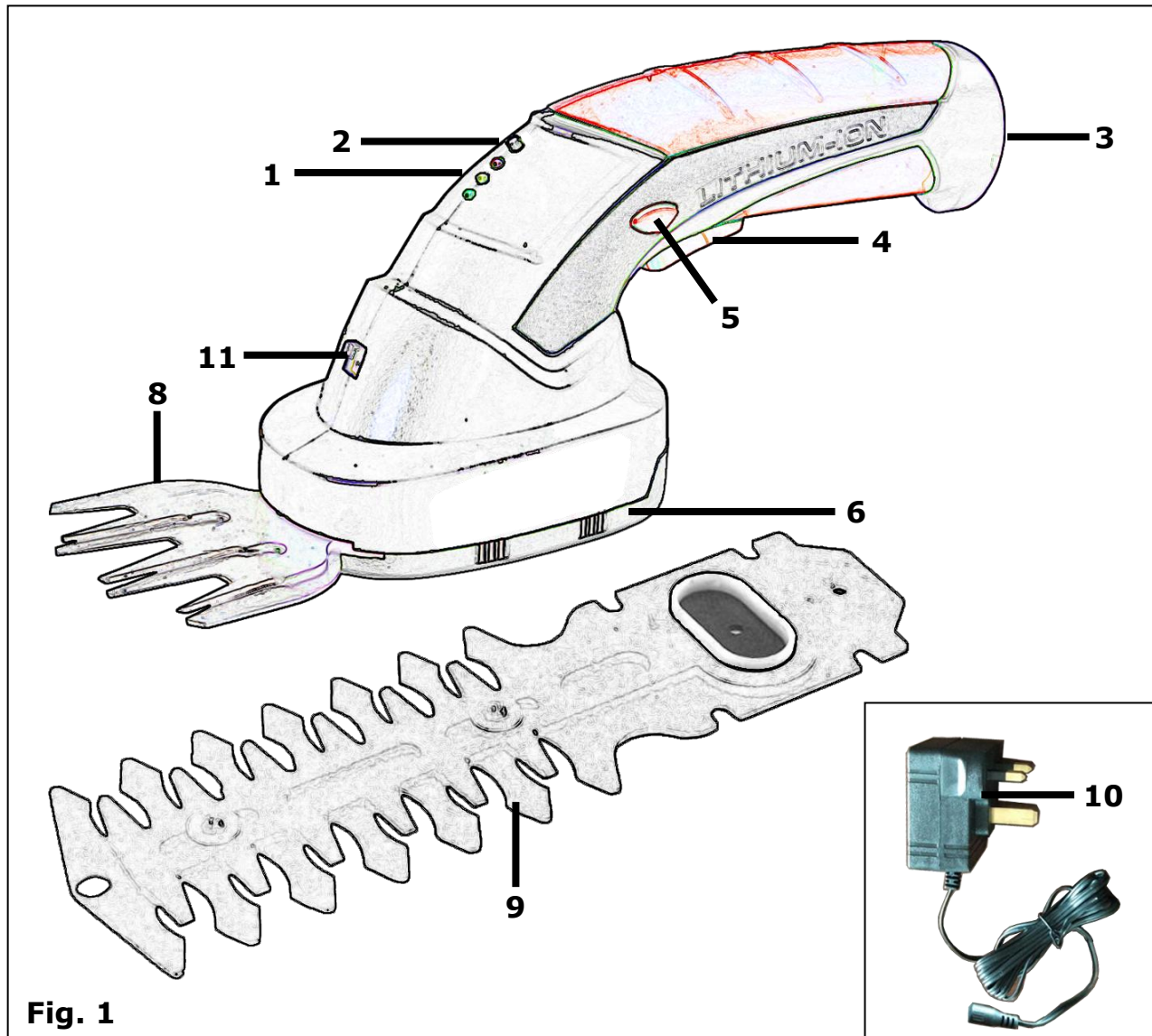
PART LIST

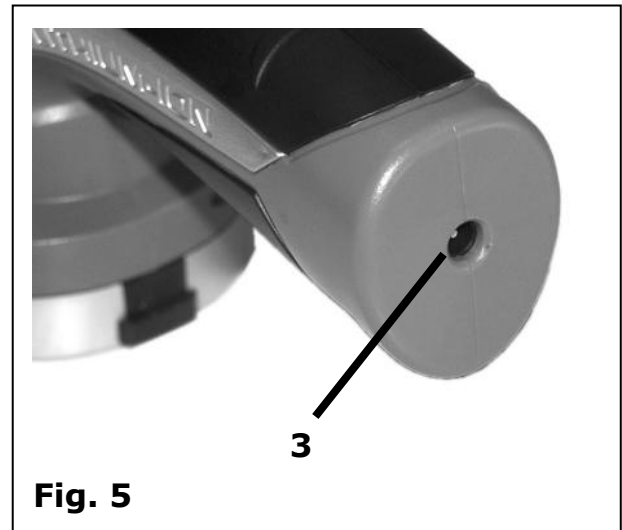
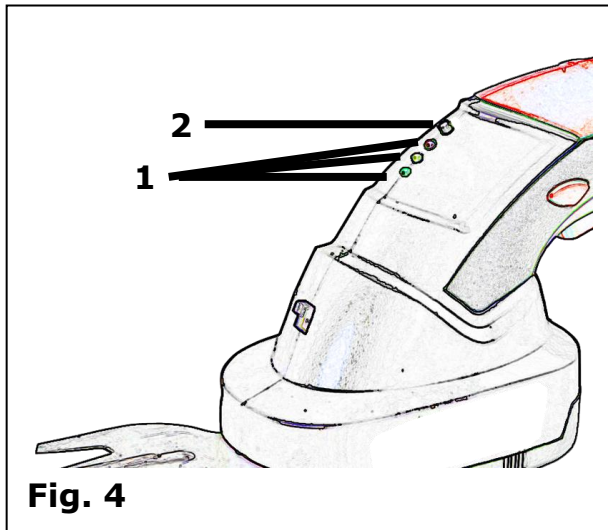
No.	Description	No.	Description
1	DC Jack	17	Output Gear
2	Battery	18	Blade Ring
3	PCB	19	Blade Fixed Pin
4	Left Housing	20	Washer
5	Switch	21	Blade Position Ring
6	Shift Knob	22	Blade
7	Spring	23	Blade
8	Button	24	Base Board
9	Spring	25	Spring
10	Deck Board	26	Button
11	LED Display Plate	27	Screw
12	Motor	28	Flat Washer
13	Motor Gear	29	Right Housing
14	Screw	30	Deck Board
15	Gear Box	31	Screw
16	Intermediate Gear	32	Screw

Exploded Assembly Diagram



Notice: Actual product may vary from pictures shown.





Component List

1. Battery charge indicator
2. Indicator button
3. Charger jack
4. On/ Off Switch
5. Switch lock
6. Casing cover
7. Lock Button
8. Grass trimmer
9. Hedge and bush trimmer
10. Mains charger
11. Power Button

TECHNICAL INFORMATION

3.6V Lithium Cordless Garden Shears

Model: GGHHT36

Battery voltage: 3.6 V

Battery capacitor: 1300 mAh Lithium

No-load speed: 1000 rpm

Cutting length (for hedge trimmer function): 120 mm

Cutting thickness (for hedge trimmer function): 8 mm

Cutting width (for grass shear function): 80 mm

Charging time: 3 – 5 hours

Protection against harmful ingress of water: IPX1

Weight N.W./G.W.: 0.7/ 1.0 kgs



Protection class III

Battery charger

Model: ZTTH36BC

Input: 100 - 240V AC/ 50-60Hz 8W

Output: 6V DC/ 300 mA



Protection category II

Noise and vibration levels

Sound pressure level 75.1dB(A);

Sound power level 85.3dB(A)

Uncertainty K_{PA} : 3.0 dB(A) and K_{WA} : 3.0 dB(A)

Hearing protection is required for the user.

Vibration levels

Vibration a_{hv} : 2.91 m/s²

Uncertainty K = 1.5m/s²

The declared vibration total has been measured in accordance with a standard test method and may be used for comparing one tool with another. This total may also be used in a preliminary assessment of exposure.



Read this entire manual before using this product. Failure to do so can result in serious injury. Save this manual for future reference.

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SAFETY INSTRUCTIONS

This equipment is not designed to be used by people (including children) with limited physical, sensory or mental capacities or those with no experience and/or knowledge unless they are supervised by a person who is responsible for their safety or they have received instructions from such a person in how to use the equipment safely. Children must always be supervised in order to ensure that they do not play with the equipment.

CAUTION: Read all safety regulations and instructions.

Any failures made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury.

Keep all safety regulations and instructions in a safe place for future use.

The term “electric tool” used in the safety regulations refers to electric tools operated from the mains power supply (with a power cable) and to battery operated electric tools (without a power cable).

Workplace safety

Keep your work area clean and well illuminated. Untidy or unlit work areas can result in accidents.

Do not use this tool in a potentially explosive environment containing combustible liquids, gases or dust.

Electric tools generate sparks, which can in turn ignite dust or vapors.

Keep children and other persons away from the electric tool while it is being used.

Allowing yourself to get distracted can cause you to lose control of the tool.

ELECTRICAL SAFETY

The tool's connector plug must be able to fit into the socket outlet. Do not modify the plug in any way! Do not use adapter plugs in conjunction with electrically grounded tools.

Unmodified plugs and matching socket outlets reduce the risk of an electric shock.

Avoid touching grounded surfaces, such as those of pipes/tubes, heaters, cookers and refrigerators.

There is an increased risk of getting an electric shock if you are electrically grounded.

Keep the tool away from rain and moisture/wet conditions.

Penetration of water into an electric tool increases the risk of an electric shock.

Do not use the cable to carry the tool, hang it up or pull the plug out of the socket. Keep the cable away from sources of heat, oil, sharp edges and moving tool parts.

Damaged or tangled cable increases the risk of an electric shock.

If you intend to use an electric tool outdoors, ensure that you only use extension cable that is approved for outdoor applications.

Using extension cable that is approved for outdoor applications reduces the risk of an electric shock.

If operation of the electric tool in a damp environment can not be avoided, use a earth leakage circuit-breaker.

The earth-leakage circuit-breaker reduces the risk of an electric shock.

PERSONAL SAFETY

1) Be alert, work conscientiously and exercise appropriate caution when using the electric tool. Do not use the tool if you are tired or are under the influence of drugs/medication or alcohol.

One moment of carelessness or lack of attention when using the electric tool can cause serious bodily injury!

2) Always wear personal protective equipment (PPE), including safety goggles.

Wearing personal protective equipment such as a dust mask, non-slip footwear, protective headgear and ear muffs (depending upon the type of electric tool and the particular application) reduces the risk of sustaining injury.

3) Make sure that the tool cannot start up accidentally. Ensure that the electric tool is switched off before you connect the tool to the power supply and/or insert the battery, or pickup or carry the tool.

Physically touching the switch with your finger when carrying the tool or connecting the tool to the power supply switched on can lead to accidents.

4) Remove adjusting tools/wrench(es) prior to switching on the power tool.

A tool or wrench that is positioned inside a rotating power tool part can cause injury.

5) Avoid abnormal working postures. Make sure you stand squarely and keep your balance at all times.

This way, you will be able to have better control over the tool in unexpected situations.

6) Wear suitable clothes. Never wear loose fitting clothes or jewelry. Keep hair, clothes and gloves away from moving parts.

Loose clothing, dangling jewelry and long hair can be caught by moving parts.

7) If dust extraction and dust collection devices can be mounted, ensure that these are connected and are properly used.

The use of a dust extraction system can reduce the danger posed by dust.

USING THE TREATMENT OF ELECTRIC TOOLS

1) Do not overload your tool. Only use suitable electric tools to perform your work.

Using the right electric tool allows you to work better and safer within the tool's quoted capacity range.

2) Do not use an electric tool whose switch is defective.

An electric tool that no longer can be switched on or off is dangerous and must be repaired.

3) Pull the plug out of the socket and/or remove the battery before making any adjustments

to the tool, changing accessories or put the tool down.

This precaution eliminates the possibility of inadvertently starting the tool.

4) When not in use, store electric tools out of the reach of children. Do not allow those persons to use this tool who are unfamiliar with it or who have not read these instructions. Electric tools are dangerous when they are used by inexperienced persons.

5) Take good care of your tool. Check that moving parts properly function and do not jam, that parts are not broken off or damaged in any way and that the tool can be used to its full capacity. Have damaged parts repaired prior to using the tool.

The cause of many accidents can be traced back to poorly maintained electric tools.

6) Keep your blades sharp and clean.

Properly maintained blades with sharp edges jam less frequently and are easier to use.

7) Make sure to use electric tools, accessories, attachments, etc. in accordance with these instructions. Take the conditions in your work area and the job in hand into account. Using electric tools for applications other than those intended can lead to dangerous situations.

SERVICE

Have your tool repaired only by authorized specialists using original replacement parts.

This will ensure that your tool remains safe to use.

CAREFUL HANDLING AND USE OF CORDLESS EQUIPMENT

1) Ensure that the equipment is switched off before you insert the battery.

Inserting a battery into an electric tool that is switched on can cause accidents.

2) Only charge the batteries in chargers that are recommended by the manufacturer.

A charger that is designed for a certain type of batteries may pose a fire risk if it is used with other types of batteries.

3) Use only the correct batteries in the electric tools.

The use of other batteries may result in injuries and a fire risk.

4) Keep unused batteries away from paperclips, coins, keys, nails, screws and other metallic objects that could cause a short circuit between the contacts.

A short circuit between the battery contacts may cause burns or a fire.

5) In case of incorrect use, fluid may escape from the battery. Avoid contact with it. If you touch it by mistake, rinse the affected area with water. If you get the fluid in your eyes, also seek medical advice.

Leaking battery fluid can cause skin irritation or burns.

ADDITIONAL SAFETY INSTRUCTIONS

1. The battery pack supplied with your cordless tool is not charged. The battery pack has to be charged before you use the tool for the first time.
2. The battery pack does not reach its maximum capacitance until it has been charged and discharged approximately five times.

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3. Battery packs lose their charge even when they are not being used. Regular charging is therefore recommended.
4. Please check the data marked on the rating plate of the battery charger. Be sure to connect the battery charger to a power supply with the voltage marked on the rating plate. Never connect it to a different mains voltage.
5. Keep the battery charger and the cordless tool out of children's reach.
6. Wear suitable work clothes. Wear safety goggles.
7. Never open the battery pack. Avoid contact with a leaking battery pack. In case of accidental contact, wash the affected area of skin with soap and water. If battery acids gets in your eye, rinse out the eye with clear water for at least 10 minutes and seek a doctor's advice immediately. Neutralize other affected areas with a mild acid such as lemon juice or vinegar.
8. Protect the battery charger and its cable from damage and sharp edges. Have damaged cables repaired without delay by a qualified electrician.
9. Make sure that the contacts of the battery pack do not come into contact with other metallic objects such as nails or screws. There is a risk of short-circuiting!
10. Use only battery chargers that are intended for the battery pack in question.
11. Do not use damaged battery chargers.
12. Leave repairs strictly to the appointed service center or authorized dealers.
13. Do not use the supplied battery charger to charge other cordless tools.
14. Never allow the battery pack to become fully discharged. This will cause it to develop a defect.
15. Timely recharging of the battery pack will help it serve you well for a long time. You must recharge the battery pack when you notice that the power of the cordless tool drops.
16. In heavy use the battery pack will become warm. Allow the battery pack to cool to room temperature before commencing with the charging.
17. Protect your cordless tool and the battery charger from moisture and rain.
18. Do not use the cordless tool or the battery charger near vapors and inflammable liquids.
19. Do not throw battery packs into an open fire. There is a risk of explosion!
20. Use the battery charger only in dry conditions and an ambient temperature of 10-40°C.
21. Do not keep the battery charger in places where the temperature is liable to reach 50°C. In particular, do not leave the battery charger in a car that is parked in the sunshine.
22. Do not ignite the battery pack or expose it to fire.

Note: Do not lose these safety instructions.

SAFETY INSTRUCTIONS FOR GRASS SHEARS

1. Before you begin your work, examine the material you want to cut. Remove any foreign bodies. Keep a continuous watch out for foreign bodies while you are working. If you come across any foreign bodies while cutting, turn off the device (release the ON button) and remove the items in question.
2. Keep the device at a suitable distance from your body while working. Only switch on the

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device when all parts of the body are well out of the way.

3. Make sure that no people or animals ever come within the working or swiveling range of the device.
4. Only use the device in broad daylight or make sure that you provide adequate artificial light.
5. Important! The cutting tools continue running on after the device has been switched off.
6. When the device is not in use, make sure that it is stored in such a way that there is no risk of hands coming into contact with the cutting blades.
7. If the cutting blades get jammed while cutting, turn off the device (release the ON button) and remove the object in question (thick branch, foreign body) with a suitable blunt aid. Never remove any such objects with your fingers as the pre-tensioned blade can cause serious injuries through cutting.
8. Keep the air vents clean.
9. Keep the charging cable away from the blades.
Never use the device with the charging cable plugged in.
10. We recommend that you use a socket with a residual current device with maximum 30mA tripping current for the charger.
11. Never attempt to remove the cuttings with the motor running or to hold material you wish to cut. Always switch off the device before attempting to remove any jammed cuttings.
12. Make sure you keep all parts of your body away from the blade. Never attempt to remove the cuttings with the blade running or to hold the material you wish to cut. Always switch off the equipment before attempting to remove any jammed cuttings. A single moment of carelessness when using the hedge trimmer can result in serious injuries.
13. Carry the hedge trimmer by its handle with the blades at a standstill. Always fit the protective cover when transporting the hedge trimmer or putting it into storage. Careful handling of the equipment reduces the likelihood of injury by the blade.
14. Keep the cable out of the cutting zone. During operation the cable may be hidden by the hedge and be cut through by accident.
15. Hold the equipment correctly, for example with both hands if the equipment is fitted with two handles.

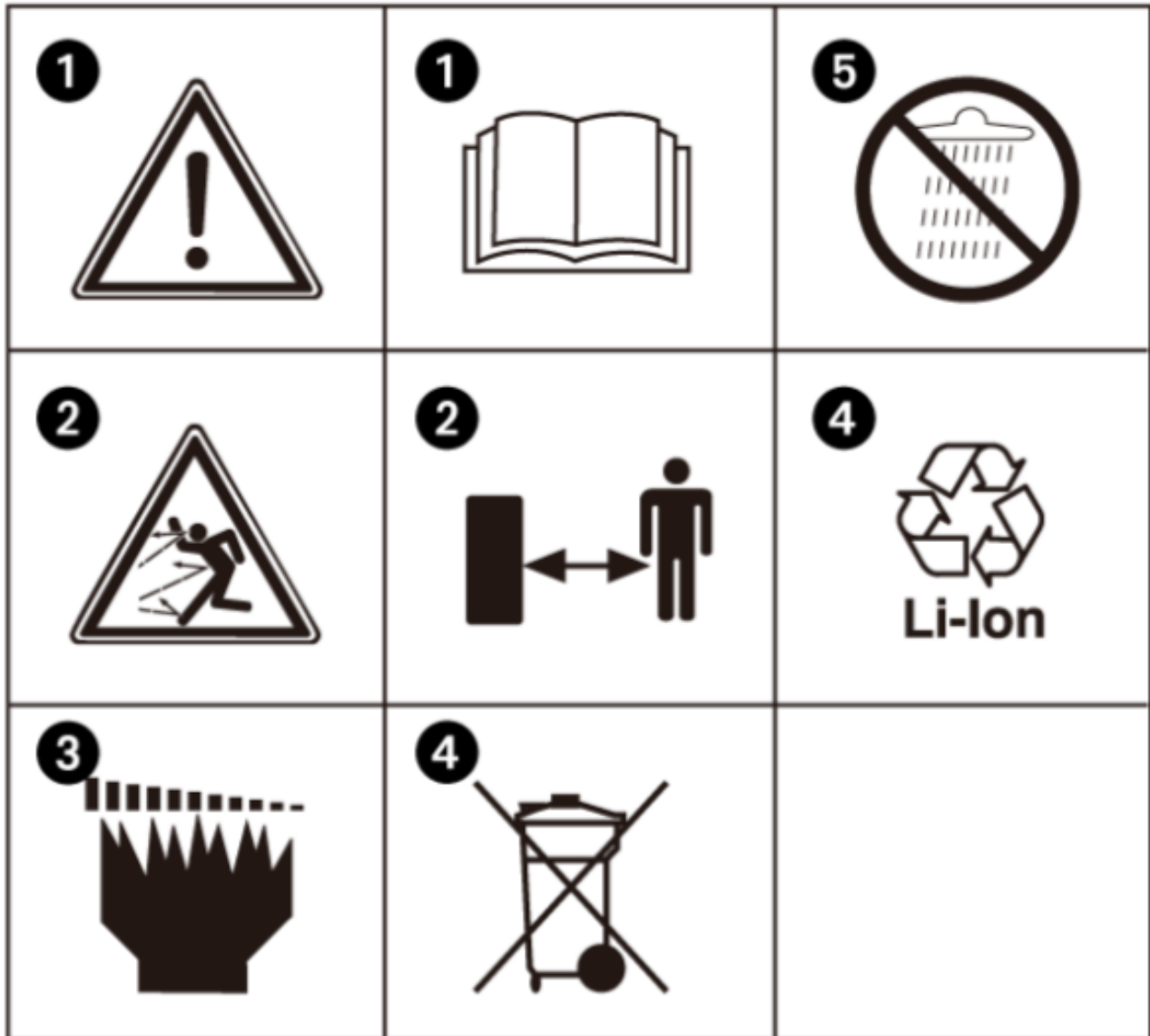
Power Extension Cords

When using any extension cord the machine will suffer a power reduction due to the drop in voltage caused by the length of the cord. This can be partially offset by selecting extension cords with lower gauge wire.

Check all extension cords for damage before use.
Avoid sharp objects.

Do not position the cord where it could be subject to traffic passing over it.

Symbols



Explanation of the warning signs on the machine:

1. Important! Read the operating instructions and follow the warnings and safety instructions.
2. Keep all other persons away from the danger zone.
3. Caution! The cutter blades continue to run after the motor is switched off. Wait for the blades to come to a standstill.

Risk of injury!

4. Dispose of batteries correctly!

5. Protect the tool from the damp and never expose it to rain.

Unpacking

Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.

Packing List

- A) Grass Shear
- B) Shrub cutter blade
- C) Charger
- D) Manual

USING YOUR UNIT

Proper use

The equipment is designed for cutting the edges of lawns and small areas of grass in private and hobby gardens.

Tools for private and hobby gardens are not suitable for use in public facilities, parks and sport centers, along roadways, on farms or in the forestry sector.

For the tool to be used properly it is imperative to follow the instructions set out in the manufacturer's directions for use.

Important! It is prohibited to use the tool to chop material for composting because of the potential danger to persons and property.

The machine is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

Battery charge indicator (Fig. 4)

Press the button (2) to show the current charge with three LEDs (1) in various colours:

- | | |
|--------------------------|-----------|
| - Red LED on | < 20 % |
| - Red and yellow LEDs on | 20 – 70 % |
| - All three LEDs on | > 70 % |

You will need to charge the battery as soon as only the red LED lights up.

The Li-ion batteries are protected against deep discharge. Your garden trimmer will switch off as soon as the battery is empty.

NOTE: Release the On/Off switch, or you risk damaging the battery.

Charging the battery (Fig. 5)

You will need to charge the battery before using your garden trimmer for the first time.

1. Only use the charger (10) supplied to recharge the battery.
2. Only use the charger in the dry indoors.
3. Only charge the battery at ambient temperatures of 10° – 40°C.
4. Only plug the charger (10) into a 230V AC mains supply, and connect it with the charger jack (3).
5. The red LED will show you the charging status. The battery is completely recharged as soon as all three LEDs light up.
6. The handgrip may warm up during the charging process. This is normal.
7. Unplug your garden trimmer from the mains if you do not intend to use it for an extended period.
8. Do not switch your garden trimmer on during the charging process.

Changing the cutting head (Fig. 2 and 3)

Always wear hand protection to prevent cuts while changing the cutting head.

1. With the trimmer upside down in your hand and with the base facing upwards, Slide the black cover catch (7) upwards then slide the bottom cover in the direction of the handle and lift it off.
2. Remove the cutting head (blade assembly) from the trimmer.
3. Fit the new cutting head (blade) while making sure all four guide pins (on the white plastic part of the trimmer) fit into the corresponding notches on the cutting head.(blade assembly) (See fig.3)
4. With the blade positioned correctly, now place the base cover (6) back into position and slide the cover towards the cutting head until you hear it click back into place.

Starting up your garden trimmer

The area to be cut must first be cleared of stones and other solid objects.

The power button (Fig. 1/Item 11) prevents the tool being started unintentionally during delivery. Activate the power button (Figure 1 / Item 11) by pushing it forward "ON" position firstly before operation.

Your garden trimmer has been fitted with a switch lock (5) for safety reasons. You can unlock the switch in either direction.

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To switch on your trimmer, first push the switch lock (5) to the left or right, and at the same time, apply the On/ OFF switch (4). You can release the switch lock (5) once your garden trimmer is running.

Release the On/ OFF switch (4) to switch your garden trimmer off.

NOTE: The blades will continue to move after you have released the On/ OFF switch.

As soon as you release the On/ OFF switch (4), the switch lock (5) will automatically reengage to lock it out.

Always check that the switch lock is in working order before you use your garden trimmer. Using your garden trimmer with a defective switch lock may cause serious injury from the blades.

Cutting grass

Allow the grass cutter to glide above the ground. The best results are achieved when the lawn is dry. When you notice a drop in cutting performance, recharge the tool immediately so that the battery does not become fully discharged.

Trimming hedges

The tool can be used to trim small hedges and shrubs.

Hold the tool slightly tilted in relation to the hedge you want to cut.

First cut the sides from the bottom up, then cut the top.

Watch out for foreign objects in or on the hedge which could damage the blades.

When is the best time to trim hedges?

1. As a general rule, hedges which lose their leaves in the autumn should be trimmed in June and October.
2. Hedges which do not lose their leaves should be cut in April and August.

CARE AND MAINTENANCE

Cleaning

- 1) Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible.
Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- 2) We recommend that you clean the device immediately each time you have finished using it.
- 3) Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device.
- 4) A few drops of oil (e.g. sewing machine oil) will improve the cutting performance of the blades, but never apply any grease to the blades. To ensure constant exact cutting it is also important to remove grass remnants and dirt from between the upper and lower blade.

Important!

Never clean the tool under running water – and particularly never with high pressure – because of the potential danger to persons and property.

Keep your cordless grass cutter and hedge trimmer in a dry and frost-proof place.

Choose a place that children are unable to enter.

Maintenance

- 1) To achieve good results you should keep the blades sharp at all times. In particular we recommend that you immediately level off any jags or ridges caused by stones or the like. The tool should be thoroughly cleaned both before and after use.
- 2) There are no parts inside the equipment which require additional maintenance.

Disposal

Household Appliances, accessories and packaging should be sorted for environmentally-friendly recycling.

Only for EC countries:



Do not dispose of appliances into household waste!

According to the European Directive 2002/96/EC on waste electrical and electronic equipment and its incorporation into national right, products that are no longer suitable for use must be separately collected and sent for recovery in an environmentally-friendly manner.

DECLARATION OF CONFORMITY

The declaration is to certify that it conforms to CE, EMC, MD and RoHS directives:

EN55014-1/A2:2011

EN55014-2/A2:2008

EN61000-3-2: 2014

EN61000-3-3: 2013

All provisions of Annex 1 of Council Directive 2014/30/EU – EMC directive

EN60335-1: 2012/A11: 2014

EN60745-1: 2009/A11: 2010

EN60745-2-15: 2009/A1: 2010

EN62233: 2008

EN50636-2-94: 2014

AfPS GS 2014:01 PAK

All provisions of Annex 1 of Council Directive 2006/42/EC – the Machinery Directive

RoHS 2011/65/EU



Mr. Paul Kaye, UK QA Manager

Please read the following carefully

FUTURA Direct Ltd. and/or its distributor have provided the parts list and assembly diagram as a reference tool only.

Neither FUTURA Direct Ltd. or its distributor makes any representation or warranty of any kind to the buyer that he or she is qualified to do any repairs or replace any parts of this product. FUTURA Direct Ltd. and its distributor expressly state that all repairs or parts replacement should be done by certified or licensed technicians. The buyer assumes all risk and liability arising out of his or her repairs or parts replacement to the original product.

24 MONTHS LIMITED WARRANTY

If within 24 months from the date of purchase you experience any problems with your product, please return the product to its distributor/dealer for repair or replacement. This warranty DOES NOT COVER normal wear, or any damage as a result of accidents, misuse, abuse or negligence.

[www.futura direct.co.uk](http://www.futura-direct.co.uk)

We FUTURA Direct Ltd, England DN6 7AY declare that the 3.6V Lithium Cordless Grass & Shrub Shear is exclusively manufactured for FUTURA Direct Ltd and has been manufactured according to our fully quality assurance procedures.