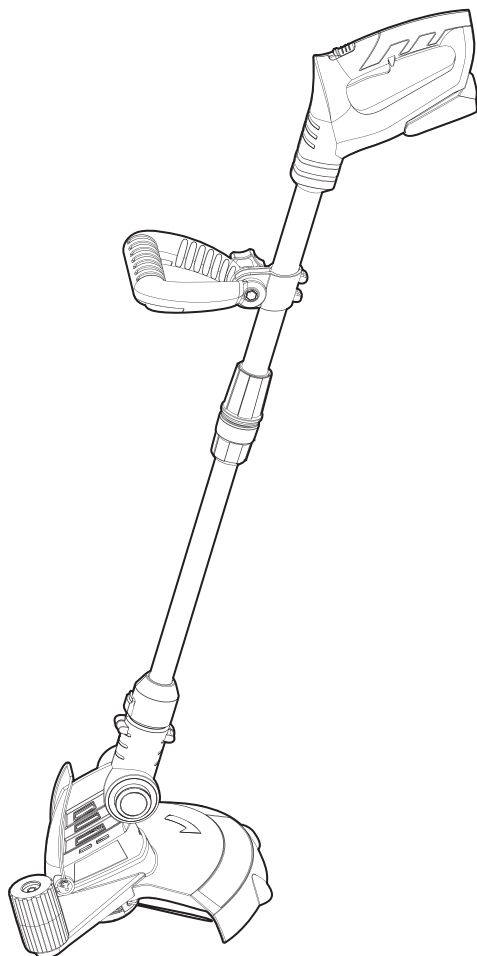


STEELITE

INSTRUCTION MANUAL

20V Cordless Grass Trimmer

DG304 DG304-1



IMPORTANT!

Safety Instructions

All Operators Must Read These Instructions Before Use


CAUTION!

Before using this cordless tool, carefully read and observe the safety rules and instructions listed below. Before starting work, make sure that you know how to stop the machine in case of an emergency. The incorrect use of this machine could cause serious injury. Keep these instructions in a safe place and on hand so that they can be consulted when required.

CAUTION!

The cordless grass trimmer should only be used for cutting lawns and for trimming along the borders of flower beds. Other uses of the trimmer that are not indicated in these instructions could damage the trimmer or seriously injure the operator.

GENERAL Safety Rules

 **WARNING!** When using the cordless grass trimmer basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

1. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.
2. Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.
3. 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.
4. Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
5. 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.
6. 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.
7. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
8. Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 265°F (130°C) may cause explosion.
9. Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
10. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
11. Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.
12. **Replacement parts** – When servicing, use only identical replacement parts.
13. **Avoid dangerous environments** – Do not use appliances in damp or wet locations. Do not use in rain.
14. **Keep children and bystanders away** – Children and other spectators, including pets, should be kept at least 50 feet (15 meters) away from the work area. When the grass is cut, stones and debris contained in the grass can be picked up by the trimmer and dispersed into the air. These flying projectiles can cause blindness or other bodily injury.
15. **Dress properly** – Always wear suitable clothing when using the trimmer to prevent head, hand, or feet injuries. Do not wear loose clothing or jewelry. They can get caught in moving parts.
16. **Use safety glasses** – Also use safety footwear, snug-fitting clothing, protective gloves, hearing and head protection.
17. **Use the right tools** – Do not use tools for any job except that for which they are intended.
18. **Do not force the tool** – It will do the job better and with less likelihood of injury if it is used at the rate for which it was designed.
19. **Do not overreach** – Keep proper footing and balance at all times.
20. **Stay alert** – Watch what you are doing. Use common sense. Do not operate the trimmer when you are tired, or under the influence of alcohol or drugs.
21. **Store idle tools indoors** – When not in use, tools should be stored indoors in a dry and high or locked-up place out of the reach of children.
22. **Maintain tools with care** – Keep cutting edges sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Inspect the trimmer periodically and replace if damaged. Repair the trimmer only at an authorized service facility. Keep handles dry, clean, and free from oil and grease.

23. Checked for damaged parts – Before continuing to use the trimmer, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for the alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect the trimmer's operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.

ADDITIONAL SAFETY INSTRUCTIONS FOR GRASS TRIMMER

1. Keep guards in place and in working order.
2. Keep hands and feet away from the cutting area.

! WARNING! Never use steel blades or other devices. Use of any other accessories or attachments will increase the risk of injury.



! CAUTION! The safety guard is critical to the safety of the operator and the safety of people standing within a safe distance of the trimmer. The safety guard keeps the trimmer in good working order and must always be in place during operation.

- Do not try to stop the cutting device (line spool) with your hands. Always let it come to a stop by itself.

! WARNING! After switching off the tool, the cutting device (line spool) continues to rotate for a few seconds.

- Only use the original type of line spool. Do not under any circumstances use metal line or nylon line instead of line spool.
- Do not use the tool to cut grass which is not on the ground. For example, do not cut grass growing on walls or rocks.
- Do not switch on the tool in an enclosed or poorly ventilated space or in the presence of flammable and/or explosive substances such as liquids, gases and powders.
- Only cut during broad daylight or with adequate artificial light.
- Check that all grass cuttings and dirt have been removed from the ventilation vents.
- Do not cross roads or gravel paths while the tool is still running.
- When the tool is not in use, store it in a dry place and out of reach of children.
- After use, remove the battery and check for damage. If you have any doubt about the condition of the tool, visit delitoolsglobal.com to ask for help online or call the STEELITE service center at +86 574 87562689.

- Only use the tool according to the instructions given in this manual.
- Check regularly that the screws are tight.
- Do not try to repair the tool or access internal parts. visit delitoolsglobal.com to ask for help online or call the STEELITE service center at +86 574 87562689.

Battery + Charger Safety Instructions

We pay a great deal of attention to the design of every battery pack to ensure that we supply you with batteries that are safe, durable and have a high energy density. The battery cells have a wide range of safety devices. Each individual cell is initially formatted and its electrical characteristic curves are recorded. This data is then used exclusively to be able to assemble the best possible battery packs.

Despite all the safety precautions, caution must always be exercised when handling batteries. The following points must be obeyed at all times to ensure safe use. Safe use can only be guaranteed if undamaged cells are used. Incorrect handling of the battery pack can cause cell damage.

IMPORTANT Analyses confirm that incorrect use and poor care of high-performance batteries are the main factors responsible for personal and/or product damage.

! WARNING! Use only approved replacement batteries; other batteries may damage the cordless trimmer and cause it to malfunction, which can lead to serious personal injury.

! WARNING! Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.

Do not modify or attempt to repair the battery pack except as indicated in the instructions for use and care.

Have your battery pack serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the battery pack is maintained.

! CAUTION! To reduce the risk of injury, charge the STEELITE lithium-ion battery pack only in its designated STEELITE lithium-ion charger. Other types of chargers present risk of fire, personal injury and damage. Do not wire a battery pack to a power supply plug or car cigarette lighter. Such misuse will permanently disable or damage the battery pack.

- Avoid dangerous environments – Do not charge the battery pack in rain, snow or in damp or wet locations. Do not use the battery pack or charger in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials) because sparks may be generated when inserting or removing the battery pack, which could lead to a fire.

- Avoid dangerous environments – Do not charge the battery pack in rain, snow or in damp or wet locations. Do not use the battery pack or charger in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials) because sparks may be generated when inserting or removing the battery pack, which could lead to a fire.
- Charge in a well-ventilated area – Do not block the charger vents. Keep them clear to allow for proper ventilation. Do not allow smoking or open flames near a charging battery pack. Vented gases may explode.
NOTE: The safe temperature range for the battery is 41°F – 105°F (5°C – 40.5°C). Do not charge the battery outside in freezing weather; charge it at room temperature.
- Maintain charger cord When unplugging the charger, pull the plug, not the cord, from the receptacle to reduce the risk of damage to the electrical plug and cord. Never carry the charger by its cord or yank it by the cord to disconnect it from the receptacle. Keep the cord away from heat, oil and sharp edges. Make sure the cord will not be stepped on, tripped over or subjected to damage or stress when the charger is in use. Do not use the charger with a damaged cord or plug. Replace a damaged charger immediately.
- Do not use an extension cord unless it is absolutely necessary – Using the wrong, damaged or improperly wired extension cord poses a risk of fire and electric shock. If an extension cord must be used, plug the charger into a properly wired 16 gauge or larger extension cord with the female plug matching the male plug on the charger. Make sure that the extension cord is in good electrical condition.
- Charger is rated for 100 – 240 volt AC only – The charger must be plugged into an appropriate receptacle.
- Use only recommended attachments – Use of an attachment not recommended or sold by the battery charger or battery pack manufacturer may result in risk of fire, electric shock or personal injury.
- Unplug charger when not in use – Make sure to remove battery packs from unplugged chargers.
- Battery chemicals cause serious burns – Never let a damaged battery pack contact the skin, eyes or mouth. If a damaged battery pack leaks battery chemicals, use rubber or neoprene gloves to safely dispose of it. If skin is exposed to battery fluids, wash the affected area with soap and water and rinse with vinegar. If eyes are exposed to battery chemicals, immediately flush with water for 20 minutes and seek medical attention. Remove and dispose of contaminated clothing.
- Do not short circuit – A battery pack will short circuit if a metal object makes a connection between the positive and negative contacts on the battery pack. Do not place a battery pack near anything that may cause a short circuit, such as paper clips, coins, keys, screws, nails and other metallic objects. A short-circuited battery pack poses a risk of fire and severe personal injury.
- Store your battery pack and charger in a cool, dry place – Do not store the battery pack or charger where temperatures may exceed 105°F (40.5°C), such as in direct sunlight or inside a vehicle or metal building during the summer.

Information about the battery

1. The battery pack supplied with your cordless trimmer is only partially charged. The battery pack has to be charged completely before you use the tool for the first time.
2. For optimum battery performance, avoid low discharge cycles by charging the battery pack frequently.
3. Store the battery pack in a cool place, ideally at 77°F (25°C) and charged to at least 40%.
4. Lithium-ion batteries are subject to a natural aging process. The battery pack must be replaced at the latest when its capacity falls to just 80% of its capacity when new. Weakened cells in an aged battery pack are no longer capable of meeting the high power requirements needed for the proper operation of your trimmer, and therefore pose a safety risk.
5. Do not throw battery packs into an open fire as this poses a risk of explosion.
6. Do not ignite the battery pack or expose it to fire.
7. Do not exhaustively discharge batteries. Exhaustive discharge will damage the battery cells. The most common cause of exhaustive discharge is lengthy storage or non-use of partially discharged batteries. Stop working as soon as the performance of the battery falls noticeably or the electronic protection system triggers. Place the battery pack in storage only after it has been fully charged.
8. Protect batteries and the tool from overloads. Overloads will quickly result in overheating and cell damage inside the battery housing even if this overheating is not apparent externally.
9. Avoid damage and shocks. Immediately replace batteries that have been dropped from a height of more than one meter or those that have been exposed to violent shocks, even if the housing of the battery pack appears to be undamaged. The battery cells inside the battery may have suffered serious damage. In such instances, please read the waste disposal information for proper battery disposal.

⚠ WARNING! To reduce the risk of electric shock, always unplug the charger before performing any cleaning or maintenance. Do not allow water to flow into the charger. Use a Ground Fault Circuit Interrupter (GFCI) to reduce shock hazards.

- Do not burn or incinerate battery packs – Battery packs may explode, causing personal injury or damage. Toxic fumes and materials are created when battery packs are burned.
- Do not crush, drop or damage battery packs – Do not use the battery pack or charger if they have sustained a sharp blow, been dropped, run over or have been damaged in any way (i.e. pierced with a nail, hit with a hammer, stepped on, etc.).
- Do not disassemble – Incorrect reassembly may pose a serious risk of electric shock, fire or exposure to toxic battery chemicals. If the battery or charger are damaged, visit delitoolsglobal.com to ask for help online or call the STEELITE service center at +86 574 87562689

10. If the battery pack suffers overloading and overheating, the integrated protective cutoff will switch off the equipment for safety reasons.

IMPORTANT! Do not press the ON/OFF switch any more if the protective cut-off has been activated. This may damage the battery pack.

11. Use only original battery packs. The use of other batteries poses a fire risk and may result in injuries or an explosion.

Information about the charger and the charging process











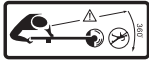
1. Please check the data marked on the rating plate of the battery charger. Be sure to connect the battery charger to a power supply with the voltage marked on the rating plate. Never connect it to a different mains voltage.
2. Protect the battery charger and its cord from damage. Keep the charger and its cord away from heat, oil and sharp edges. Have damaged cords repaired without delay by a qualified technician at an authorized STEELITE dealer or call the STEELITE service center at +86 574 87562689
3. Electrical plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded appliances. Unmodified plugs and matching outlets will reduce the risk of electric shock.
4. Keep the battery charger, battery pack and the cordless tool out of the reach of children.
5. Do not use the supplied battery charger to charge other cordless tools.
6. During periods of heavy use, the battery pack will become warm. Allow the battery pack to cool to room temperature before inserting it into the charger to recharge.
7. Do not overcharge batteries. Do not exceed the maximum charging times. These charging times only apply to discharged batteries. Frequent insertion of a charged or partially charged battery pack will result in overcharging and cell damage. Do not leave batteries in the charger for days on end.
8. Never use or charge batteries if you suspect that it has been more than 12 months since the last time they were charged. There is a high probability that the battery pack has already suffered dangerous damage (exhaustive discharge).
9. Charging batteries at a temperature below 41°F (5°C) will cause chemical damage to the cells and may cause a fire.
10. Do not use batteries that have been exposed to heat during the charging process, as the battery cells may have suffered dangerous damage.
11. Do not use batteries that have suffered curvature or deformation during the charging process or those that exhibit other atypical symptoms (gassing, hissing, cracking, etc.).
12. Never fully discharge the battery pack (maximum recommended depth of discharge is 80%). A complete discharge of the battery pack will lead to premature aging of the battery cells.

Protection from environmental influences

1. Wear suitable work clothes. Wear safety goggles.
2. Protect your cordless tool and the battery charger from moisture and rain. Moisture and rain can cause dangerous cell damage.
3. Do not use the cordless tool or the battery charger near vapors and flammable liquids.
4. Use the battery charger and cordless tools only in dry conditions and at an ambient temperature of 41°F – 105°F (5°C – 40.5°C).
5. Do not keep the battery charger in places where the temperature is liable to reach over 105°F (40.5°C). In particular, do not leave the battery charger in a car that is parked in the sunshine.
6. Protect batteries from overheating. Overloads, overcharging and exposure to direct sunlight will result in overheating and cell damage. Never charge or work with batteries that have been overheated – replace them immediately, if possible.
7. Store the charger and your cordless tool only in dry locations with an ambient temperature of 41°F – 105°F (5°C – 40.5°C). Store your lithium-ion battery pack in a cool, dry place at a temperature of 77°F (25°C). Protect the battery pack, charger and cordless tool from humidity and direct sunlight. Only place fully charged batteries in storage (charged to at least 40%).
8. Prevent the lithium-ion battery pack from freezing. Battery packs that were stored below 32°F (0°C) for more than 60 minutes must be discarded.
9. When handling batteries, be wary of electrostatic charge. Electrostatic discharges can damage the electronic protection system and the battery cells. Avoid electrostatic charging and never touch the battery poles.

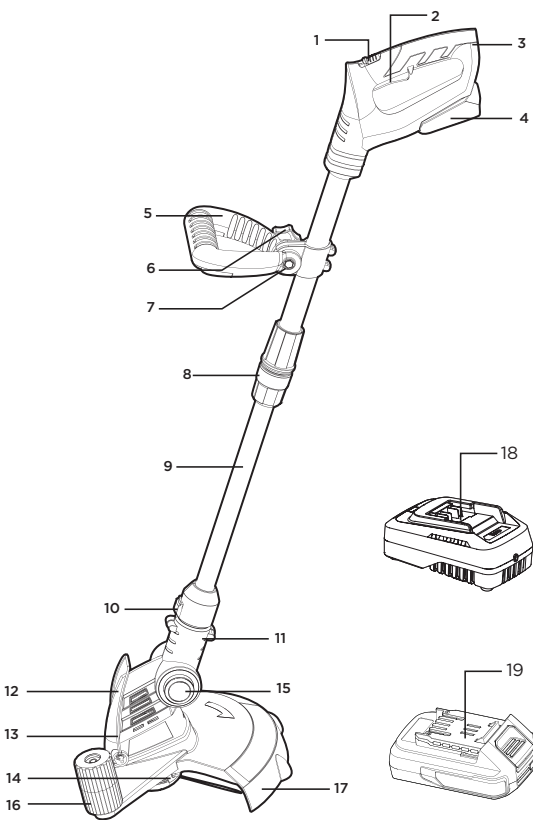
Safety Symbols

The following table depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate.

Symbols	Descriptions	Symbols	Descriptions
	READ THE OPERATOR'S MANUAL(S) – Read, understand, and follow all instructions in the user manual(s) before attempting to assemble and operate.		Keep bystanders and children a safe distance away.
	SAFETY ALERT – Indicates a precaution, a warning, or a danger.		WARNING! Do not expose the unit to rain or wet conditions.
	WEAR EYE AND HEARING PROTECTION – For protection against injury, wear ear defenders and safety goggles.		Beware of flying objects and debris.
	Wear safety gloves during use to protect hands.		Wear non-slip footwear that will protect your feet and improve your footing on slippery surfaces.
	Indoor use only. Only use battery charger indoors.		Disconnect the battery pack before any repair or maintenance.
	DANGER! Beware of thrown objects to bystanders. Keep bystanders at least 15 m (50 ft) away from the machine.		

Know Your Cordless Grass Trimmer

Read the owner's manual and safety instructions carefully before operating the cordless grass trimmer . Compare the illustration below to the cordless trimmer in order to familiarize yourself with the location of the various controls and adjustments. Save this manual for future reference.



- 1. Unlock knob
- 2. Switch handle
- 3. Main handle
- 4. Battery compartment
- 5. Auxiliary handle
- 6. Handle lock nut
- 7. Handle support
- 8. Locking sleeve(length adjustment)
- 9. Telescopic pole
- 10. Lock sleeve and edgingfunction button
- 11. Angle adjustment handle
- 12. Trimmer head
- 13. Flower guard
- 14. Cutting device (spool)
- 15. Angle adjustment button
- 16. Edging function wheel
- 17. Safety guard
- 18. STEELITE lithium-ion battery charger
- 19. STEELITE lithium-ion battery

Technical Data

Motor	400 W	Cutting Swath	12 inch (30.5 cm)
Battery Voltage Max*.....	20V D.C.	Spool Length	10 ft (3m)
Battery Capacity	2.0 Ah	Telescoping Pole	27.6 inch to 39.4 inch (70 cm to 100 cm)
Charger Input	100 - 240V AC 50 - 60 Hz	2 Tools In 1	Twist rotating head
Charger Output	21V D.C. --- 2000 mA	Cutting Angle	0° to 60°
Charge Time Max	1 hour	Net Weight	1.7kg
No Load Speed	8500 RPM		

Unpacking

Carton Contents

- Grass trimmer
- Safety guard
- Auxiliary handle with knob and bolt
- Line spool
- STEELITE lithium-ion battery
- STEELITE lithium-ion charger
- Manual with registration card

1. Carefully remove the cordless grass trimmer and check to see that all of the above items are supplied.
2. Inspect the product carefully to make sure no breakage or damage occurred during shipping. If you find damaged or missing parts, DO NOT return the unit to the store. Please call the STEELITE customer service center at + 86 574 87562689

NOTE: Do not discard the shipping carton and packaging material until you are ready to use the cordless grass trimmer. The packaging is made of recyclable materials. Properly dispose of these materials in accordance with local regulations or save the packaging for long-term product storage.

IMPORTANT! The equipment and packaging material are not toys. Do not let children play with plastic bags, foils, or small parts. These items can be swallowed and pose a suffocation risk!

Battery Pack Operation

The equipment is powered by a lithium-ion battery. The battery pack is completely sealed and maintenance free.

⚠ WARNING! Before first use, the battery requires at least 1 hr charge time to be fully charged. When the battery is at low capacity, recharge for 1 hr again before resuming operation.

Battery Charge Level Indicator

The battery pack is equipped with a push button for checking the charge level. Simply press the push button to read off the battery charge level from the LEDs of the battery indicator:

- 4/5 level monitoring LEDs are lit: Battery charge level is high.
- 2/3 level monitoring LEDs are lit: Battery charge level is decreasing. Stop work as soon as possible.
- 1 level monitoring LED is lit: Battery is flat. Stop work IMMEDIATELY and charge the battery. Otherwise the battery's service life will be greatly shortened.

Indicator Status	Status Description
Green indicator flashes	Normal charging
Green indicator always ON	Charging completed
Indicator is not ON	Waiting for charging
Red indicator flashes	Abnormal temperature for battery cell
Red indicator always ON	Abnormal battery pack

NOTE: If the charge level button does not appear to be working, insert the battery into the charger and charge as needed.

NOTE: Immediately after using the battery pack, the charge level button may display a lower charge than it will if checked a few minutes later. The battery cells "recover" some of their charge after resting.

Charger Operation

⚠ WARNING! Charge only STEELITE lithium-ion battery packs with its compatible STEELITE lithium-ion charger. Other types of batteries may cause personal injury and damage.

To reduce the risk of electric shock, do not allow water to flow into the charger's AC/DC plug.

When to Charge the STEELITE Lithium-Ion Battery

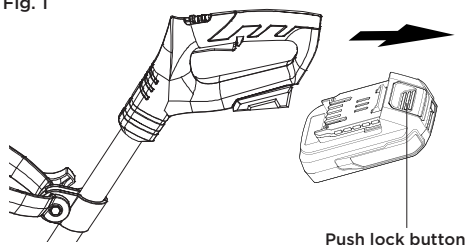
NOTE: The STEELITE lithium-ion battery packs do not develop a "memory" when charged after only a partial discharge. Therefore, it is not necessary to run down the battery pack before placing it into the charger.

- Use the battery charge indicator lights to determine when to charge your STEELITE lithium-ion battery pack.
- You can "top-off" your battery pack's charge before starting a big job or after a long day of use.

Charging the Battery

1. Press the push lock buttons on the battery to pull the battery pack out of the equipment (Fig. 1).

Fig. 1



2. Check that the mains voltage is the same as that marked on the rating plate of the battery charger. Then, plug the charger adapter into an appropriate AC power outlet. Connect the charger plug into the charge socket of the battery to start charging (Fig. 2).

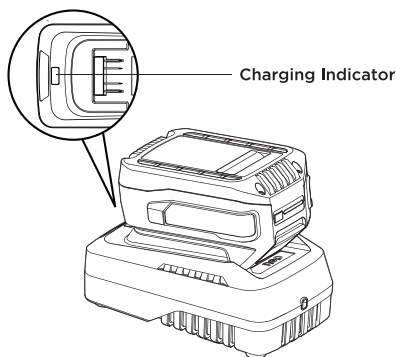


Fig. 2

3. The battery will take approximately 1 hr to charge. The battery indicator LEDs will twinkle and illuminate one by one during the charging process. Unplug the charger immediately when the green indicator always ON.

CAUTION! FIRE HAZARD. When disconnecting the charger from the battery, be sure to unplug the charger from the outlet first, then disconnect the charger from the battery.

WARNING! This charger does not automatically turn off when the battery is fully charged. Please take care not to leave the battery plugged into the charger. Switch off or unplug the charger at the mains when charging is complete.

4. Timely recharging of the battery will help prolong the battery's life. You must recharge the battery pack when you notice a drop in the equipment's power.

IMPORTANT! Never allow the battery pack to become fully discharged as this will cause irreversible damage to the battery.

Assembly

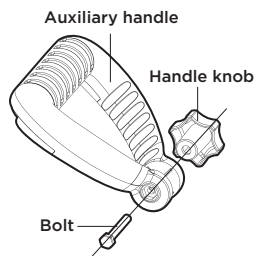
Before using the cordless grass trimmer, follow these instructions to assemble.

WARNING! Do not insert the battery until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

Fitting the Auxiliary Handle

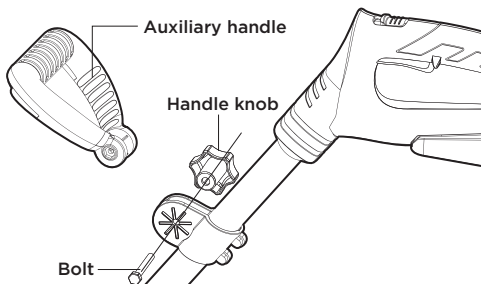
1. Remove the handle knob and bolt that come pre-assembled on the auxiliary handle (Fig. 3).

Fig. 3



2. Fit the auxiliary handle into position and align the holes. Fix by the bolt and the handle knob. Tighten the handle knob to secure (Fig. 4).

Fig. 4

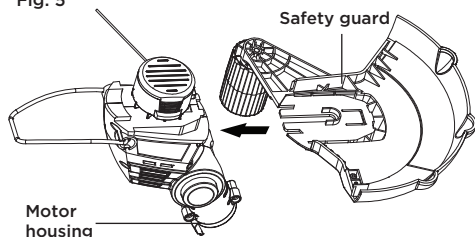


Fitting the Safety Guard

WARNING! The safety guard must be properly installed. The safety guard provides partial protection from the risk of thrown objects to the operator and other bystanders.

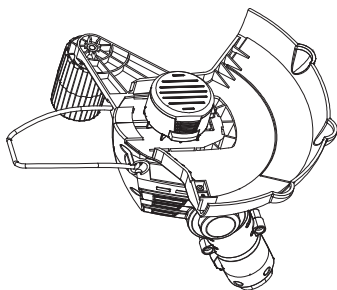
1. Align the guard with the trimmer head as shown (Fig. 5).

Fig. 5



2. Firmly press the safety guard into place until it clicks into the position. (Fig. 6)

Fig. 6

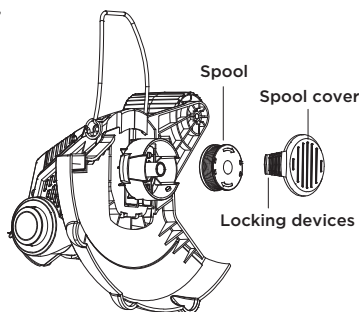


Replacing the spool

A dual-line factory wound spool is available for easy spool replacement on the DG304/304-1 cordless grass trimmer. Visit steelite.com to purchase this accessory online.

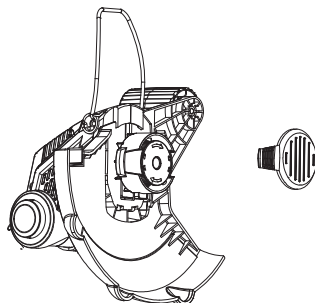
1. Switch off the machine and remove the battery. Wait until the machine comes to a complete stop.
2. Press together both release tabs on the line spool cover and remove the cover by pulling it straight off (Fig. 7).

Fig. 7



3. Lift and remove the spool out of the hub and clean out any dirt or grass residue.
4. Insert the new spool with the smooth side facing upwards in the cutting head and thread the two lines through the line eyelets. Ensure that the line ends do not slip out of the spool slots.
5. Return the hood. Ensure that the locks of the hood are accurately inserted in the corresponding recesses of the cutting head. They lock in audibly. (Fig 8).

Fig. 8



6. Press the retaining head, release it again and pull the ends of the cord out a little.
7. NOTE: The length of the line will adjust automatically.

Operation

The cordless grass trimmer is designed to cut grass and weeds under bushes, and on slopes and edges that cannot be reached with the lawn mower. The trimmer must be used outdoors only, at an ambient temperature between 32°F (0°C) and 113°F (45°C).

⚠ WARNING! Remove stones, small sticks and other objects from the cutting area. The line spool continues to rotate for a few seconds after the trimmer is switched off. Let the motor come to a complete stop before switching the trimmer back on. Do not rapidly switch the trimmer off and on.

⚠ WARNING! Rocks or debris may ricochet or be thrown into eyes and face, cause blindness, or other serious injury. Never lean over the trimmer head and always wear eye protection.

When operating the machine, check for the following:

- Wear eye protection and heavy clothing.
- Hold the rear handle with one hand and auxiliary handle with the other hand.
- Keep the trimmer below your waist level.

- Cut only from your right to your left to ensure debris is thrown away from you. Without bending over, keep the trimmer near and parallel to the ground.

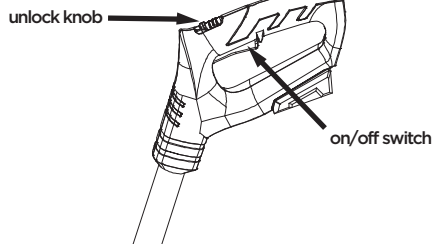
⚠ WARNING! Use only STEELITE spool replacement this unit. Other products will not work properly and will result in improper cutting head function or can cause serious injury.

Do not use other materials such as steel blades, wire, string, rope, etc. Other materials can break off during cutting and become a dangerous missile that can cause serious injury.

ON/OFF Switch

1. Insert the battery into the battery compartment on the back of the machine. To start the tool, slide the safety lock switch upward, then squeeze the On/Off trigger (Fig. 9).

Fig. 9



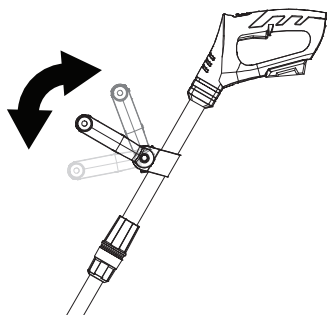
2. To turn the tool OFF, release the On/Off trigger. Remove the battery.

Adjusting Auxiliary handle

1. The auxiliary handle is height and angle adjustable.
2. To adjust the handle, first release the handle lock nut on the side of the handle.

Rotate the auxiliary handle to desired position and slide the handle support to the desired height, clamp in position and then tighten the lock nut (Fig 10).

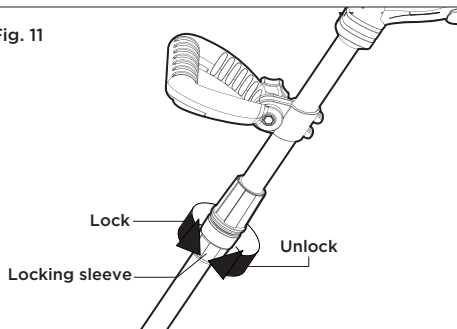
Fig. 10



Adjusting the Telescoping Shaft

1. Switch off the machine and remove the battery. Wait until the blade comes to a complete stop.
2. To extend the pole, loose the locking collar clockwise to a desired length, then tighten the locking collar counterclockwise to screw in place (Fig. 11).

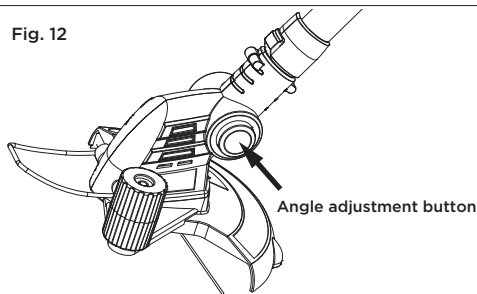
Fig. 11



Setting the trimmer head angle

1. The angle of trimmer head can be set to different working positions.
2. Press the angle adjustment button with one hand and rotate the trimmer head to the required position (Fig. 12).

Fig. 12

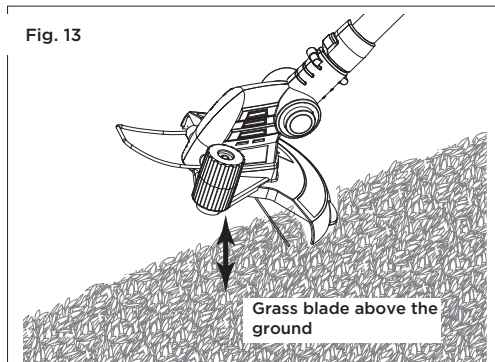


3. Release the button and the head will lock into place. There are 3 preset lock positions.

Trimming

Hold the trimmer at an angle of approximately 15-degrees to the work area (Fig. 13).

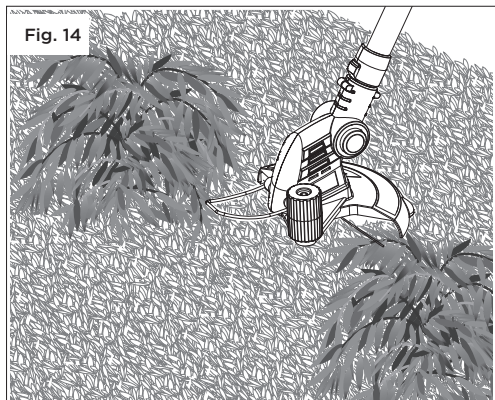
Fig. 13



Mowing

Your trimmer is ideal for mowing in places conventional lawn mowers cannot reach. In the mowing position, keep the trimmer head parallel to the ground. Avoid pressing the head into the ground as this can scalp the ground and damage the tool (Fig. 14).

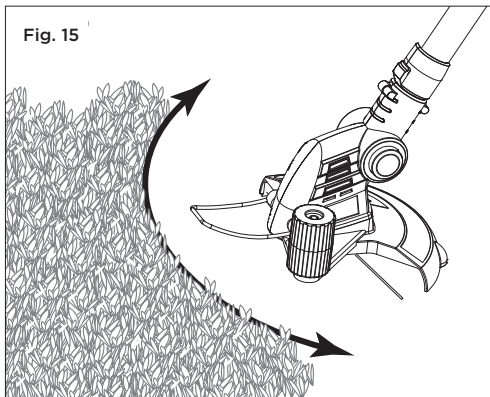
Fig. 14



Sweeping

Fanning action can be used for quick and easy clean up. Keep the trimmer head parallel to and above the surfaces being swept and move the tool from side to side (Fig. 15).

Fig. 15

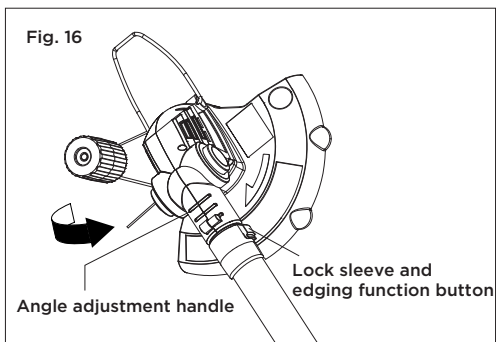


Edging

⚠ WARNING! Because this procedure is close to the On/Off switch, make sure to remove the battery before converting the machine.

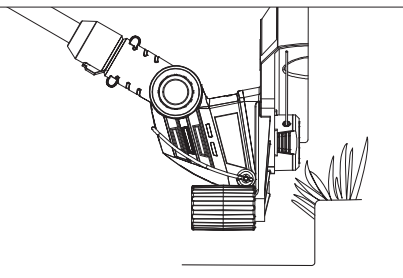
1. To convert your trimmer into an edger, slide the lock sleeve and edging function button and rotate the lower part of the trimmer 90° the button aligns with the angle adjustment handle.(Fig. 16)

Fig. 16



2. Then release the locking knob and set the trimmer head angle as shown (Fig. 16). The trimmer will lock into edging mode.
3. Use the edge of the guard as a guide when cutting near fences and walls (Fig. 17).

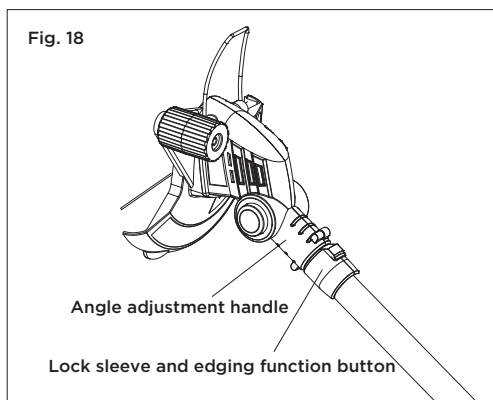
Fig. 17



⚠ WARNING! Do not trim near electrical wires.

4. To convert your edger back to a trimmer, hold the handle, slide lock sleeve and edging function button on the edger head up, meanwhile turn the lower part of the edger head to the side until the head is locked into position. (Fig. 18)

Fig. 18



Maintenance

⚠ WARNING! Before performing any maintenance task, turn off the machine and remove the battery.

⚠ WARNING! Always wear protective gloves during maintenance tasks. Do not carry out maintenance when the engine is running or hot.

- Regular cleaning and maintenance of your grass trimmer will ensure efficiency and prolong the life of your machine.
- After each cutting operation, take apart and clean out the grass and soil from the whole trimmer and guard.
- During operation, keep the air vents clean and free from grass.
- Only use a cloth soaked with hot water and a soft brush to clean the grass trimmer.

- Do not spray or wet the appliance with water.
- Do not use detergents or solvents as these could ruin the trimmer. The plastic parts can easily be damaged by chemical agents.
- For repairs which have not been explained in these instructions, call the STEELITE service center at +86 574 87562689

IMPORTANT! Repairs, maintenance, and adjustments to this power tool should be performed only by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained. visit delitoolsglobal.com to ask for help online or call the STEELITE service center at +86 574 87562689

Proper Care for Battery + Charger

⚠ WARNING! To reduce the risk of injury, always unplug the charger and remove the battery pack from the charger before performing any maintenance task. Never disassemble the battery pack or charger. Contact your STEELITE dealer or the STEELITE customer service center for ALL repairs.

1. To reduce the risk of injury and damage, never immerse your battery pack or charger in liquid or allow any liquid to flow inside these components.
2. Clean out dust and debris from charger vents and electrical contacts by blowing with compressed air.
3. Use only a soft, clean and dry brush to clean the battery pack and charger, keeping away from all electrical contacts. Certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around battery packs, battery chargers or tools.
4. The lithium-ion battery charger has no serviceable parts.

Storage

Follow these recommendations for storing the grass trimmer.

- Clean the grass trimmer thoroughly before storing.
- Store the trimmer in a stable and safe location out of the reach of children. Keep the trimmer in a dry place where the temperature is not too hot or too cold.
- Do not store the grass trimmer resting against the floor. Hang it by the upper handgrip so that the guard does not touch anything. If the guard rests against a surface, its shape and dimensions could be permanently altered, and could render the machine unsafe to use.

Battery + Charger Off-Season Storage

1. Do not expose your battery pack or charger to water, rain or allow them to get wet. This could permanently damage the charger and the battery pack. Do not use oil or solvents to clean or lubricate your battery pack as the plastic casing can become brittle and crack, causing a serious risk of injury.
2. Store the battery pack and charger at room temperature away from moisture. Do not store in damp locations where corrosion of terminals may occur. As with other battery pack types, permanent capacity loss can result if the pack is stored for long periods of time at high temperatures (over 120°F/49°C).
3. STEELITE lithium-ion battery packs maintain their charge during storage longer than other battery pack types. As a general practice, it is best to unplug the battery charger and remove the battery pack when they are not in use. Recharge the battery pack every 6 months to 50% capacity (2 lights on) during off-season storage to maintain optimal battery performance.

Service + Support

If your STEELITE DG304/304-1 cordless grass trimmer requires service or maintenance, please call STEELITE service center at +86 574 87562689

Battery Caution + Disposal

Always dispose of your battery pack according to federal, state, and local regulations. Contact a recycling agency in your area for recycling locations.

⚠ CAUTION! Even discharged battery packs contain some energy. Before disposing, use electrical tape to cover the terminals to prevent the battery pack from shorting, which could cause a fire or explosion.

⚠ WARNING! To reduce the risk of injury or explosion, never burn or incinerate a battery pack even if it is damaged, dead or completely discharged. When burned, toxic fumes and materials are emitted into the surrounding atmosphere.

1. Batteries vary according to device. Consult your manual for specific information.
2. Install only new batteries of the same type in your product (where applicable).
3. Failure to insert batteries in the correct polarity, as indicated in the battery compartment or manual, may shorten the life of the batteries or cause batteries to leak.
4. Do not mix old and new batteries.
5. Do not mix Alkaline, Standard (Carbon-Zinc) or Rechargeable (Nickel Cadmium, Nickel Metal Hydride, or Lithium-Ion) batteries.
6. Do not dispose of batteries in fire.
7. Batteries should be recycled or disposed of as per state and local guidelines.

Troubleshooting

Most difficulties are easy to fix. Consult the troubleshooting table for common problems and their solutions. If you continue to experience problems or need repairs beyond these minor adjustments, please call +86 574 87562689 for assistance.

⚠ WARNING! Always remove the battery before performing any adjustments, maintenance or repairs to your cordless grass trimmer .

Problems	Possible Solution
Grass trimmer does not start	<ul style="list-style-type: none">• Make sure the battery has enough power and is inserted properly.• Make sure the battery is not overheated.• If the trimmer does not start after completing the checks, visit delitoolsglobal.com to ask for help online or call the STEELITE service center at +86 574 87562689 .
Grass trimmer vibrates	<ul style="list-style-type: none">• Remove the line spool and clean the slots, carefully remove any grass and weeds and so forth.• If vibration persists after reassembly, replace the line spool with a new one.• In the event of the problem not disappearing, visit delitoolsglobal.com to ask for help online or call the STEELITE service center at +86 574 87562689

STEELITE

Product Warranty Card

Dear users :

Thank you for buying our products. In order to ensure your profit, users who buy our products can contact local distributor or Specified repair stations with invoice and warranty cards if the product failures due to quality problems.

Warranty Notice:

1. We will provide a 2-year limited warranty for the machine and a 1-year limited warranty for the battery, starting from the date of your purchase.
2. This warranty card and purchase invoice are the voucher of after-sales service provided by our company to customers. The card must be detailed only after filling in the following form and affixing the official seal with the distributor.
3. In one of the following cases, free warranty service will be invalid, and maintenance fees will be required:
 - (1) Exceed the expiration date.
 - (2) Failure or damage caused by not following the requirements of the product manual, maintenance or improper storage.
 - (3) Failure or damage caused by disassembling, repairing or modification of the product without the permission of our company.
 - (4) Machine breakdown or damage caused by force majeure.
 - (5) Consumable accessories.

This card is issued with the product. One card for one machine, to ensure that you can fully enjoy the right to free warranty service provided by the company, please keep this card properly, lost will not be replaced.

service@steelitetool.com

Purchase Date: _____ (Year/Month/Day)

Product Certificate

Inspector:

01

Date of manufacture:

