

18V SimpliCut 450 **970823401**

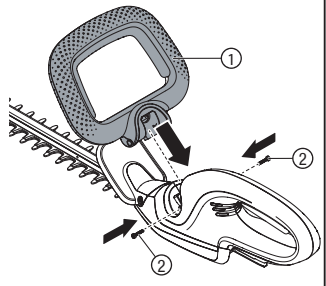
18V SimpliCut 450 KIT **970823501**

18V SimpliCut 550 **970823601**

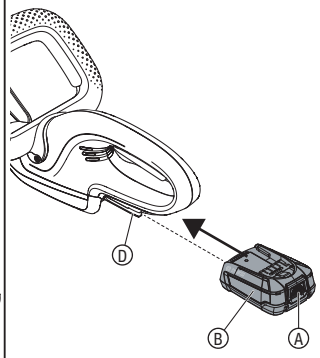
18V SimpliCut 550 KIT **970823701**

en **Operator's manual**
Electric Hedge Trimmer

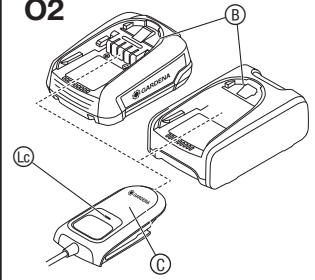
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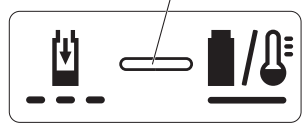
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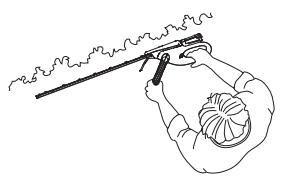
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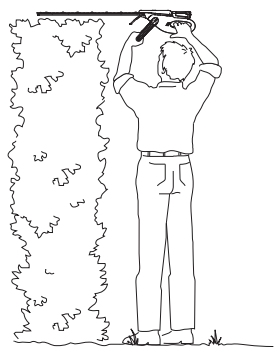
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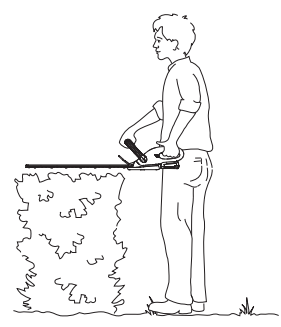
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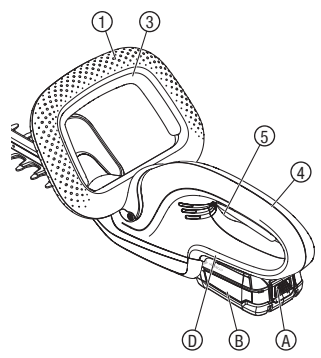
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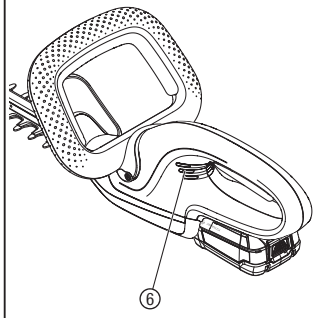
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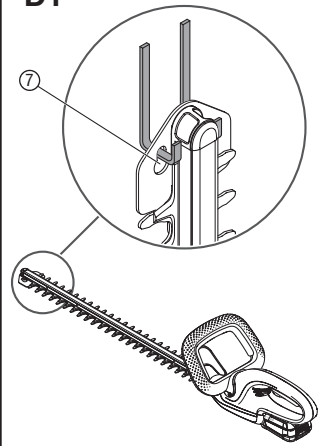
O7



M1



D1



en Battery hedge trimmer 18V SimpliCut 450 / 18V SimpliCut 550

Original instructions

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1. SAFETY INSTRUCTIONS

1.1 Symbols on the product



→ Read operator's manual.



DANGER!
→ Keep hands away from blade.



→ Do not expose the product to rain.



→ Wear safety goggles and hearing protection.



DANGER!
→ Remove the battery prior to cleaning or maintenance.

1.2 General safety instructions

1.2.1 General machine safety instructions



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

Save all warnings and instructions for future reference.

The term "machine" in the warnings refers to your mains operated (corded) machine or battery operated (cordless) machine.

1) Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **Do not operate machines in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Machines create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a machine.** *Distractions can cause you to lose control.*

2) Electrical safety

- a) **Machine plugs must match the outlet. Never modify the plug in any way. Do not use any adaptor plugs with earthed (grounded) machines.** *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 machines to rain or wet conditions.** *Water entering a machine will increase the risk of electric shock.*
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the machine. 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 machine 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 machine 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 machine. Do not use a machine while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating machines may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*

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 machine. *Carrying machines with your finger on the switch or energising machines that have the switch on invites accidents.*

d) Remove any adjusting key or wrench before turning the machine on. *A wrench or a key left attached to a rotating part of the machine may result in personal injury.*

e) Do not overreach. Keep proper footing and balance at all times. *This enables better control of the machine 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 machines allow you to become complacent and ignore tool safety principles. *A careless action can cause severe injury within a fraction of a second.*

4) Machine use and care

a) Do not force the machine. Use the correct machine for your application. *The correct machine will do the job better and safer at the rate for which it was designed.*

b) Do not use the machine if the switch does not turn it on and off. *Any machine 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 machine before making any adjustments, changing accessories, or storing machines. *Such preventive safety measures reduce the risk of starting the machine accidentally.*

d) Store idle machines out of the reach of children and do not allow persons unfamiliar with the machine or these instructions to operate the machine. *Machines are dangerous in the hands of untrained users.*

e) Maintain machines and accessories. *Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the*

machine's operation. If damaged, have the machine repaired before use. Many accidents are caused by poorly maintained machines.

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 machine 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 machine 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 machine 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) Liquid may leak from the battery if used incorrectly; Contact with this liquid should be avoided. *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 behavior 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.

6) Service

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

b) Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorised service providers.

1.2.2 Hedge trimmer safety instructions

a) 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 clippers may result in serious personal injury.

b) 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.

c) When transporting or storing the hedge trimmer, always fit the blade cover. Proper handling of the hedge trimmer will decrease the risk of personal injury from the blades.

d) When clearing jammed material or servicing the unit, 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.

e) When clearing jammed material or servicing the unit, make sure all power switches are off and the switch-on lock is applied. Unexpected actuation of the hedge trimmer while clearing jammed material or servicing may result in serious personal injury.

f) Hold the hedge trimmer using the insulated gripping surfaces only, as the blade may come into contact with 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.

g) Keep all power cords and cables away from the cutting area. Power cords or cables may be hidden in hedges or bushes and can be accidentally cut by the blade.

h) Do not use the hedge trimmer in adverse weather conditions, especially when there is a risk of lightning. This decreases the risk of being struck by lightning.

Look in hedges and bushes for hidden objects (e.g. wire fences and hidden wiring).

It is recommended to use a residual-current device with a tripping current of 30 mA or less.

Hold the hedge trimmer by both handles with both hands.

1.3 Additional safety instructions

This hedge trimmer is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are under the supervision of or have been given instruction concerning use of the hedge trimmer by a person responsible for their safety. Children should be supervised to ensure that they do not play with the hedge trimmer.

The hedge trimmer is intended for use with the operator standing on the ground and not on a ladder or other unstable surface.

1.3.1 Intended use

Use of this hedge trimmer by young people under the age of 16 is not recommended. The FLYMO battery hedge trimmer is intended to cut hedges, shrubs, perennials and grass coverings in private domestic gardens and allotments.

The product is not intended for long term use.



DANGER!

Risk of injury!

→ Do not use the hedge trimmer to cut lawns/lawn edges, to chop up material or to produce compost.

1.3.2 Safety instructions for batteries and battery chargers



→ **Read all safety warnings and instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- **Store these instructions in a safe place. Only use the charger if you can fully evaluate all functions and carry them out without restrictions, or if you have received corresponding instructions.**
- **Do not use the product in explosive atmospheres.**
- **Supervise children during use, cleaning and maintenance.** This will ensure that children do not play with the charger.

→ **Only charge lithium-ion batteries of the POWER FOR ALL system type PBA 18V with a capacity of 1.5 Ah or more (5 battery cells or more). The battery voltage must match the battery charging voltage of the charger.**

→ **Do not charge non-rechargeable batteries.** *Otherwise there is a risk of fire and explosion.*



→ **Only use the battery charger in closed rooms and keep it away from moisture.** *Water entering a power tool will increase the risk of electric shock.*

→ **Keep the battery charger clean.** *Dirt poses a risk of electric shock.*

→ **Always check the battery charger, cable and plug before use. Stop using the charger if you discover any damage. Do not open the charger yourself, and have it repaired only by a qualified specialist using only original replacement parts.**

Damaged chargers, cables and plugs increase the risk of electric shock.

→ **Do not operate the charger on an easily ignited surface (e.g. paper, textiles etc.) or in a flammable environment.** *There is a risk of fire due to the charger heating up during operation.*

→ **If the connecting cable needs replacing, this must be carried out by FLYMO or by an authorised after sales service centre for FLYMO power tools to avoid safety hazards.**

→ **These safety instructions apply only to lithium-ion batteries of the POWER FOR ALL system PBA 18V.**

→ **Do not cover the battery charger's ventilation slots.** *The battery charger may otherwise overheat and no longer function properly. [Only for 14910, 14911]*

→ **Vapours may escape if the battery is damaged or used improperly. The battery can set alight or explode. Ensure the area is well ventilated and seek medical attention should you experience any adverse effects.** *The vapours may irritate the respiratory system.*

→ **If the battery is defective, liquid may leak out and wet adjacent objects. Check affected parts. Clean these parts or change them if necessary.**

→ **If used incorrectly or if the battery is damaged, flammable liquid may escape from the battery; Contact with this liquid should be avoided. If contact accidental-**

ly occurs, flush with water. If the liquid comes into contact with your eyes, seek additional medical attention. *Liquid ejected from the battery may cause irritation or burns.*

→ **Only use the battery in POWER FOR ALL system partner products.** *POWER FOR ALL-marked 18V batteries are fully compatible with the following products: all 18V POWER FOR ALL system partner products.*

→ **Observe the battery recommendations in the operator's manual for your product.** *This is the only way to operate the battery and the product safely and to protect the batteries from dangerous overloading.*

→ **Only charge the batteries using battery chargers recommended by the manufacturer or by POWER FOR ALL system partners.** *A battery charger that is suitable for a certain type of battery poses a fire hazard when used with other batteries (battery type: PBA 18V etc./Compatible battery chargers: AL 18 etc.).*

→ **The battery is supplied partially charged.** *To ensure full battery capacity, fully charge the battery in the charger before using your power tool for the first time.*

→ **Keep batteries out of the reach of children.**

→ **Do not open the battery.** *There is a risk of short-circuiting.*

→ **Do not short-circuit the battery. When the battery is not in use, keep it away from paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** *A short circuit between the battery contacts may result in burns or fire.*

→ **The battery contacts can be hot after use. Be careful of hot contacts when removing the battery.**

→ **The battery can be damaged by sharp objects such as a nail or screwdriver or by external force.** *An internal short circuit may occur, causing the battery to burn, smoke, explode or overheat.*

→ **Never service damaged battery packs.** *Service of battery packs should only be performed by the manufacturer or authorised service providers.*



→ **Protect the battery from heat, including prolonged exposure to sunlight, fire, dirt, water and moisture.** *There is a risk of explosion and short-circuiting.*



→ **Operate and store the battery only at an ambient temperature between -20 °C**

and +50 °C. Do not leave the battery in your car in the summer, for example. At temperatures < 0 °C, performance may be reduced depending on the device.

- **Charge the battery only at an ambient temperature between 0 °C and +45 °C.** Charging outside of the temperature range can damage the battery and increase the risk of fire.
- **After use, allow the battery to cool down for at least 30 minutes before charging or storing it.**

1.3.3 Additional electrical safety instructions



DANGER!

Risk of cardiac arrest!

The hedge trimmer creates an electromagnetic field during operation. This field can affect the functionality of active or passive medical implants and cause serious or fatal injuries (e.g. in the case of a pacemaker).

- Consult your doctor and the manufacturer of your implant before using this hedge trimmer.
- Remove the battery when you are not using the hedge trimmer.

- Only use the battery product in temperatures between – 10 °C and + 40 °C.
- Thoroughly inspect the area where the product is to be used and remove all wires and other foreign objects.
- In the event of an unintentional start (e.g. due to a jammed switch), disconnect the battery from the hedge trimmer immediately and have the hedge trimmer repaired by FLYMO Service.
- If the hedge trimmer starts to vibrate abnormally, switch off the hedge trimmer and disconnect the battery from the hedge trimmer. Excessive vibration can cause injury.
- Do not use the product nearby a water.
- Do not operate next to swimming pools or garden ponds.
- Protect the battery contacts from moisture.

1.3.4 Additional personal safety instructions



DANGER!

Risk of suffocation!

Small parts can be easily swallowed. There is also a risk that the polybag can suffocate toddlers.

- Keep toddlers away when you assemble the product.

You must know how to stop the hedge trimmer quickly in an emergency.

- Avoid contact to the oil of the blade in particular when you react allergic with it.
- Only work in the daylight or when visibility is good.
- Check your hedge trimmer before each use. Always visually inspect the hedge trimmer before each use. Check that the ventilation slots are not obstructed in any way.
- Do not store the hedge trimmer until the hedge trimmer has cooled down completely after a large amount of heat has been generated during operation.
- When wearing hearing protection, and due to the noise produced by the hedge trimmer, the operator may not notice persons approaching.
- Always wear suitable clothing, protective gloves, and stout shoes.
- Make sure that you wear safe footwear while working.
- Do not use the hedge trimmer while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating the hedge trimmer may result in serious personal injury.

2. PRODUCT DESCRIPTION

2.1 Hedge trimmer

The FLYMO battery hedge trimmer is intended to cut hedges, shrubs, perennials and grass coverings in private domestic gardens and allotments.

The hedge trimmer is equipped with a two-hand safety device (2 start levers) that prevents unintentional startup.

At the tip of the blade there are two holes ⑦ for hanging the device. This allows the hedge trimmer to be securely hung on a suitable bracket or hook [Fig. D1].

2.2 Battery and charger

One battery ② and one charger ③ are included in the scope of delivery for the FLYMO battery hedge trimmers (970823501 and 970823701 with battery).

Thanks to the intelligent charging process, the state of charge of the battery ② is automatically detected and then charged with the optimal charge current depending on battery temperature and voltage. In this way, the battery ② is protected and remains permanently fully charged when it is stored in the charger ③.

2.2.1 Battery charge indicator on the battery charger [Fig. O3]

Flashing light Charging



Solid light

Indicates the following:



- Battery fully charged.
- Battery temperature out of permitted range.
- Battery charger is ready for operation.

3. INSTALLATION











DANGER! **Risk of injury!**

Risk of cutting injuries of the hedge trimmer should start accidentally.

→ Remove the battery and slide the protective cover over the blade before fitting the handle.

3.1 Fitting the handle [Fig. A1 / O7]

1. Have the supplied screws  ready.
2. Slide the handle  into the slot on the hedge trimmer.
3. *Make sure that handle  is fully inserted and that the hole in the handle is aligned with the threaded holes.*
4. Insert both screws  into the threaded holes of the hedge trimmer without pressing the start lever .
5. Tighten the screws .
6. Make sure that the screws  are tightened and that the start lever  can be fully depressed.

4. OPERATION



DANGER! **Risk of injury!**

Risk of cutting injuries of the hedge trimmer should start accidentally.

→ Wait for the blade to stop, then remove the battery and slide the protective cover over the blade before you transport the hedge trimmer.

4.1 Charging the battery [Fig. O1 / O2 / O3]














DANGER!

Electric shock

→ Note the mains voltage.

→ Make sure that the voltage of the power source matches the voltage specified on the rating plate of the battery charger.

1. Press the release button  on the back of the battery and remove the battery  from the battery holder.

2. Connect the battery charger  at a mains socket.
3. Slide the battery charger  onto the battery .
 - » *When the battery charge indicator  flashes green, the battery is being charged.*
 - » *When the battery charge indicator  lights up green, the battery is completely charged (→ 9).*
4. Examine the charge status regularly during the charging process.
5. Disconnect the battery  from the charger  when the battery  is fully charged.
6. Disconnect the charger  from the mains socket.

4.2 Starting/stopping the hedge trimmer [Fig. O1 / O7]









DANGER! **Risk of injury!**

Risk of injury if the hedge trimmer do not stop after the start lever is released.



→ Do not bypass the safety devices or switches. For example, do not attach the start lever to the handle.

- Battery charged
- Handle fitted (→ 3.1)





Starting

1. Remove the protective cover from the blade.
2. Put the battery  into the battery holder  until it audibly engages.
3. With one hand, press and hold the start lever  on the handle .
4. With the other hand, press and hold the start lever  on the main handle .
 - » *The hedge trimmer starts.*






Cutting

1. Press and hold both start levers  / .
 - » *The hedge trimmer is operational.*
2. Carry out the cutting work in one of the following working positions:
 - Side cutting [Fig. O4]
 - High cutting [Fig.O5]
 - Low cutting [Fig. O6]

Stopping

- Release both start levers  /  and hold the hedge trimmer only by the handle  or the main handle  to prevent starting the trimmer unintentionally.
- » *The hedge trimmer stops.*

Stopping cutting

1. Press the release button  on the back of the battery and remove the battery  from the battery holder .
2. Clean the hedge trimmer and the battery  (→ 5).
3. Slide the protective cover over the blade.
4. Store away the hedge trimmer and the battery  (→ 6).

5. MAINTENANCE



DANGER! **Risk of injury!**

Risk of cutting injuries of the hedge trimmer should start accidentally.

→ Wait for the blade to stop, remove the battery and slide the protective cover over the blade before performing maintenance on the hedge trimmer.

Battery removed

5.1 Cleaning the hedge trimmer [Fig. M1]



DANGER! **Risk of injury!**

Risk of injury and risk of damage to the hedge trimmer.

→ Do not use water or a water jet (especially a high-pressure water jet) to clean the hedge trimmer.

→ Do not use chemicals, including petrol or solvents, to clean the hedge trimmer. Some chemicals can destroy critical plastic parts.

1. Use a damp cloth to clean the hedge trimmer.
2. Use a soft brush to clean the ventilation slots (6). Do not use a screwdriver to do so. Make sure that the ventilation slots (6) are always clean and free of dirt.
3. Oil the blade with a low-viscosity oil, and be careful to avoid contact with plastic parts.

5.2 Cleaning the battery and charger [Fig. O2]

- Make sure that the surface and the contacts of the battery (B) and the battery charger (C) are always clean and dry before you connect the battery charger (C).
- Do not use running water.
- **Battery charger:** Use a soft, dry cloth to clean the contacts and the plastic parts.
- **Battery:** Occasionally clean the contacts of the battery with a soft, clean, dry brush.

6. STORAGE

Decommissioning [Fig. O1 / O2]:

The hedge trimmer must be stored out of the reach of children.

1. Press the release button (A) on the back of the battery and remove the battery (B) from the battery holder (D).
2. Slide the protective cover over the blade.
3. Charge the battery (B).
4. Clean the hedge trimmer, the battery (B) and the battery charger (C) (→ 5).
5. Store the hedge trimmer, battery (B) and battery charger in a dry, enclosed and frost-proof location.

7. TROUBLESHOOTING



DANGER! **Risk of injury!**

Risk of cutting injuries of the hedge trimmer should start accidentally.

→ Wait for the blade to stop, remove the battery and slide the protective cover over the blade before attempting any troubleshooting on the hedge trimmer.

7.1 Error table

Problem	Possible cause	Remedy
Hedge trimmer can no longer be stopped	Start lever stuck.	→ Remove the battery and release the start lever.
Hedge is not cleanly cut	Blade is blunt or damaged.	→ Have the blade replaced by FLYMO Service.
Hedge trimmer vibrates severely	Blade is damaged.	→ Switch off the hedge trimmer and have the blade replaced.
Hedge trimmer does not start or stops.	The battery is empty.	→ Charge the battery.
	The battery is defective.	→ Replace the battery.
	Battery temperature is outside the permissible temperature range.	→ Wait until the battery temperature is between 0 °C and +45 °C again.
	Battery is not put completely into the battery holder.	→ Insert the battery fully into the battery holder until you hear it click into place.
	There are water drops or moisture between the battery contacts on the hedge trimmer.	→ Use a dry cloth to remove the water drops or moisture.
	Engine is blocked.	→ Remove the obstruction. Start the hedge trimmer again.
	Product is defective.	→ Contact FLYMO Service.
Charging is not possible. Battery charge indicator (C) is continuously illuminated [Fig. O3]	The battery is not connected (correctly).	→ Connect the battery to the battery charger correctly.
	Battery contacts are dirty.	→ Clean the battery contacts (e.g. by connecting and disconnecting the battery several times). Replace the battery if necessary.)
	Battery temperature is outside the permissible charging temperature range.	→ Wait until the battery temperature is between 0 °C and +45 °C again.
	The battery is defective.	→ Replace the battery.

Problem	Possible cause	Remedy
Battery charge indicator (L) does not light up [Fig. 03]	Mains plug of the charger is not (correctly) plugged in.	→ Insert the mains plug fully into the power outlet.
	Socket outlet, mains cable or charger is defective.	→ Check the mains voltage. Let the charger be checked, if necessary, by an authorised specialist dealer or the FLYMO Service.

Note: For any other malfunctions please contact the FLYMO service department. Repairs must only be done by FLYMO service departments or specialist dealers approved by FLYMO.

8. TECHNICAL DATA

Hedge trimmer	Unit	Value (970823401 / 970823501)	Value (970823601 / 970823701)
Strokes	1/min	2200	2200
Length of blade	cm	45	55
Tooth gap of blade	mm	15	17
Weight (without battery)	kg	2.0	2.2
Sound pressure level dB (A)		77	80
L_{pA}¹⁾		3	3
Uncertainty k_{pA}			
Sound power noise level L _{WA} ²⁾ measured/guaranteed	dB (A)	87/92	88/90
Uncertainty k_{WA}		4.5	1.4
Hand/arm vibration a _{hvw} ¹⁾	m/s ²	1.8	2.5
Uncertainty k_{hvw}		1.5	1.5

Measurement methods according to: ¹⁾ EN 62841-4-2 ²⁾ RL 2000/14/EC / S.I. 2001 No.1701

Note: The stated vibration emission value has been measured according to a standardized test procedure and can be used for comparison of one electric power tool with another. It can also be used for preliminary evaluation of expo- sure. The vibration emission value can vary during actual use of the electric power tool.

Battery	Unit	Value (PBA 18 V 2.0 Ah W-B)	
Battery voltage	V (DC)	18	
Battery capacity	Ah	2.0	
Number of cells (Li-Ion)		5	
Appropriate POWER FOR ALL system battery chargers		AL 1810 CV / AL 1815 CV / AL 18V-20 / AL 1830 CV / AL 1880 CV / AL 18V-44	
Battery charger	Unit	Value (AL 1810 CV)	Value (AL 18V-20)
Mains voltage	V (AC)	220 – 240	220 – 240
Mains frequency	Hz	50 – 60	50 – 60
Rated Power	W	26	50
Battery charging voltage	V (DC)	18	18

Battery charger	Unit	Value (AL 1810 CV)	Value (AL 18V-20)
Max. battery charging current	mA	1000	2000
Battery charging time (approx.)			
PBA 18 V 2.0 Ah W-B	min.	124	64
PBA 18 V 2.5 Ah W-B	min.	154	79
PBA 18 V 4.0 Ah W-C	min.	244	124
Permissible battery temperature during charging	°C	0–45	0–45
Weight	g	170	210
Protection class		□ / II	□ / II
Suitable POWER FOR ALL system batteries		PBA 18V	PBA 18V

9. ACCESSORIES / SPARE PARTS

FLYMO System Battery	Battery for additional run time or for replacement	
PBA 18V/45 P4A		531382601 / 970814301
PBA 18V/72 P4A		531382701 / 970814401
FLYMO Battery Quick Charger	Charger for fast charging the POWER FOR ALL System Batteries PBA 18V..W...	970756801

10. WARRANTY / SERVICE

Please find the current contact information of our service on the back page and online:



<https://www.flymo.com/uk/content/contact-us>

Note:

If you purchase a GARDENA product in a country that is not a member of the European Union and there is a note (icon) referring to our GARDENA manufacturer's warranty printed on the product packaging, then the following applies: To make any claims against the warranty, simply provide the proof of purchase for the product that specifies the time and place of purchase and the item purchased. Online registration is not required for purchases outside the European Union. The manufacturer's warranty is subject to the warranty conditions available at www.gardena.com/warranty.

11. DISPOSAL

11.1 Disposing of the product



The symbol means that the product is not domestic waste. Recycle it through your local collection system for electrical and electronic waste

This contributes to proper end of life waste management. Contact local authorities, domestic waste services, your GARDENA servicing dealer or retailer for information. Incorrect disposal may have potential negative effects on the environment and human health, due to the potential presence of hazardous substances.

Dispose of the hedge trimmer and battery charger at your local recycling point.

11.2 Disposing of the battery





The battery contains lithium-ion cells that should not be disposed of with normal household waste at the end of its life.

Li-ion



1. Discharge the lithium-ion cells fully (contact FLYMO Service about this).
2. Ensure that the lithium-ion cell contacts do not short-circuit by placing tape over them.
3. Dispose of the lithium-ion cells properly at or through your local recycling collection point.

12. ANNEX

EU – Declaration of Conformity

	The undersigned GARDENA Germany AB PO Box 160 89 SE-103 92 Stockholm, Sweden hereby certifies that, when leaving our factory, the unit(s) indicated below is/are in accordance with the harmonised EU guidelines, EU standards of safety and product specific standards. This certificate becomes void if the units are modified without our approval.
Description of the unit:	Hedge Trimmer
Type:	SimpliCut 450 18V P4A, SimpliCut 550 18V P4A
Article number:	970823401, 970823601
EU directives:	2006/42/EG 2014/30/EU 2011/65/EG 2000/14/EU
Harmonised Standard:	EN ISO 12100 EN 62841-1 EN 62841-4-2
Noise level: measured / guaranteed:	SimpliCut 450 18V P4A: 87 dB(A) / 92 db(A) SimpliCut 550 18V P4A: 88 dB(A) / 90 db(A)
Conformity Assessment Procedure:	According to 2000/14/EC Art.14 Annex V
Notified body:	–
Deposited Documentation:	GARDENA Manufacturing GmbH Technische Dokumentation, M. Jäger Hans-Lorenser-Str. 40 89079 Ulm / Germany
Year of CE marking:	2025
Ulm, 15.07.2025	 Martin Lienhard , Senior Vice President, Business Unit Electric and Battery

UKCA – Declaration of Conformity

	Declaration of Conformity [only for UK] The manufacturer: GARDENA Germany AB PO Box 160 89 SE-103 92 Stockholm, Sweden hereby certifies that, when leaving our factory, the unit(s) indicated below is/ are in accordance with the UK Regulations, designated standards of safety and product specific designated standards. This certificate becomes void if the units are modified without our approval.
Description of the product:	Hedge Trimmer
Type:	SimpliCut 450 18V P4A, SimpliCut 550 18V P4A
Article number:	970823401, 970823601
UK regulations:	S.I. 2008/1597 S.I. 2016/1091 S.I. 2012/3032 S.I. 2001/1701
Designated standards:	EN ISO 12100 EN 62841-1 EN 62841-4-2 EN IEC 63000
Approved Body:	–
Noise level: measured / guaranteed	SimpliCut 450 18V P4A: 87 dB(A) / 92 db(A) SimpliCut 550 18V P4A: 88 dB(A) / 90 db(A)
Conformity Assessment Procedure:	According to S.I. 2001/1701 Art. 11 Schedule 8
Dokumentation Deposited:	GARDENA Manufacturing GmbH, Technische Dokumentation, A. Ochs D-89079 Ulm, Hans-Lorenser-Str.40
UK importer:	Husqvarna UK Limited Preston Road, Aycliffe, County Durham UK DL5 6UP United Kingdom
Ulm, 15.07.2025	 Martin Lienhard Senior Vice President Business Unit Electric and Battery
Authorized representative:	Martin Lienhard Senior Vice President Business Unit Electric and Battery



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Importer to Great Britain**

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Our policy of continuous improvement means that the specification of products may be altered from time to time without prior notice.

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