



Grass and Shrub Shears
User Manual and Operating Instructions
Item Number: 21334



Preferred Living

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Fig.1a

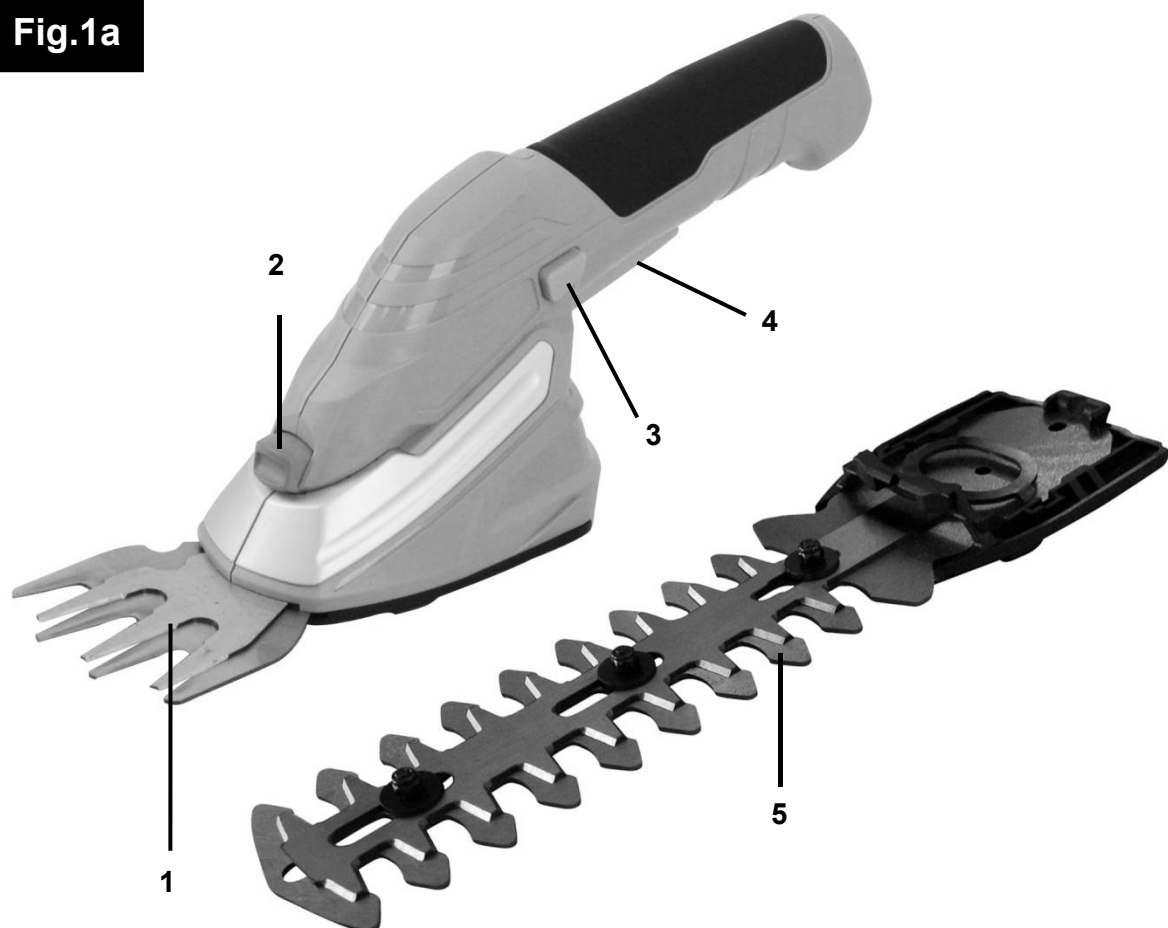


Fig.1b

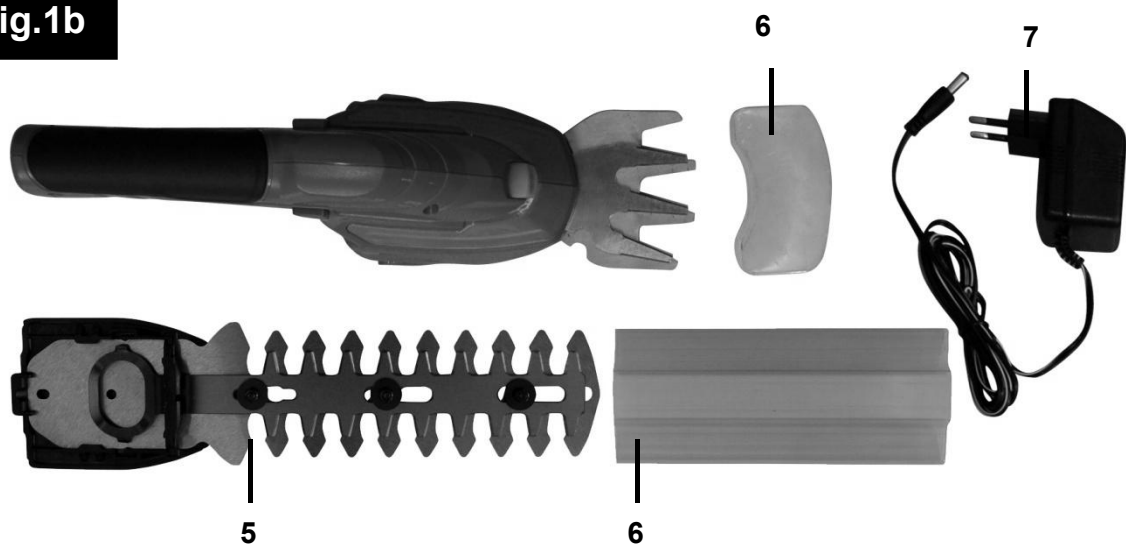


Fig.2

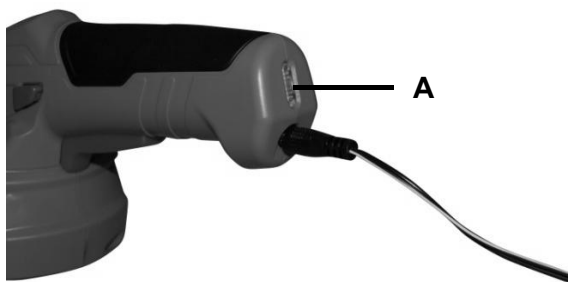


Fig.3

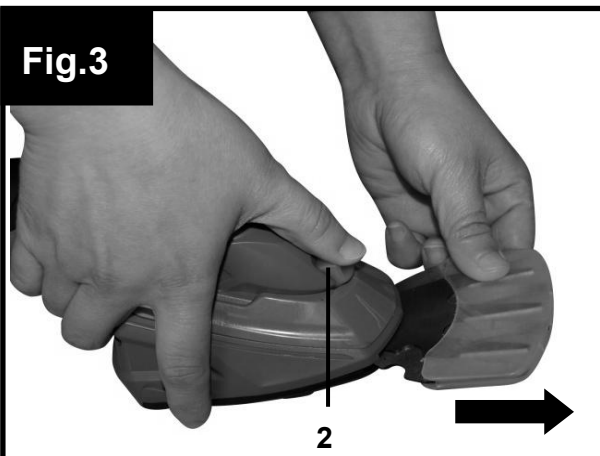


Fig.4

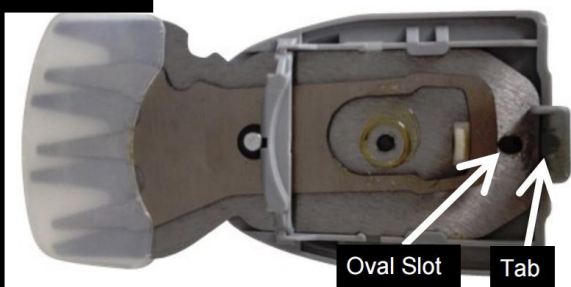


Fig.5



Fig.6



Fig.7

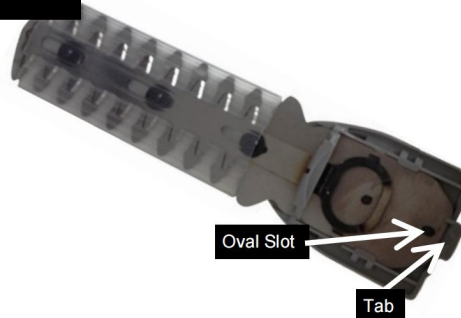


Fig.8



Safety warnings

All Operators Must Read These Instructions Before Use. These instructions are for your safety. Please read through them thoroughly before use and retain them for future reference.

General power tool safety warnings



WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.
The term “power tool” in the warnings refers to your battery-operated (cordless) power tool.

Work area safety

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

Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) **Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is grounded.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- e) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.
- f) **Use Right Appliance** - Do not use appliance for any job except that for which it is intended.
- g) If the charging cable is damaged, please call Sporty's Preferred Living customer service at 1-800-776-7897

Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- b) **Use personal protective equipment.** Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

Power tool use and care

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

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle Appliances Indoors - When not in use, appliances should be stored indoors in dry, and high or locked-up place - out of reach of children.

e) Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) Use the power tool and accessories in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

h) Keep all parts of the body away from the cutter blade. Do not remove cut material or hold materials to be cut when blades are moving. Make sure the switch is off when clearing jammed material. A moment of inattention while operating the hedge trimmer may result in serious personal injury.

i) Carry the hedge trimmer by the handle with the cutter blade stopped. When transporting or storing the hedge trimmer always fit the cutting device cover. Proper handling of the hedge trimmer will reduce possible personal injury from the cutter blades.

j) Hold the power tool by insulated gripping surfaces only, because the cutter blade may contact hidden wiring or its own cord. Cutter blades contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.

Service

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

b) If the charging cable is damaged, it must be immediately replaced to avoid hazard. Contact Sporty's Preferred Living customer service at 1-800-776-7897 or via email at PreferredLiving@sportys.com.

Battery tool use and care

a) Replace 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) This charger is only intended to charge this rechargeable battery. Any other use poses a risk of fire, electric shock or electrocution.

c) Do not place any object on top of the charger or place the charger on a soft surface that may result

in excessive internal heat. Keep the charger away from any heat sources.

d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

e) Do not charge appliance in rain, or in wet locations.

f) Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 104°F (40°C). Dangerous storing locations include outdoor sheds or metal buildings in the summer.

g) Do not use battery-operated appliance in rain.

h) Use only the authorized battery.

i) Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions.

j) Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

k) Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

Symbols

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.



1. Precautions that involve your safety.

2. **CAUTION!** Read the instruction manual and follow the warning and safety instructions!

3. **CAUTION!** Wear protective equipment. Always wear safety glasses. .

4. Do not use in rain.

5. **WARNING!** The cutting blades continue to move after switching off.

6. **WARNING!** Keep bystanders away.

7,7The product should not be disposed of with other household waste. Follow the disposal instructions within the instruction manual.

Intended 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.

Description of parts (Fig.1a&1b)

- 1 Grass cutter blade
- 2 Blade release mechanism
- 3 Safety lock-off
- 4 ON button
- 5 Shrub cutter blade
- 6 Blade guard
- 7 Battery charger

Technical specifications

Speed n_0 :	1000 rpm
Cutting width of the grass cutter:	70 mm
Cutting width of the shrub shears	160 mm
Cutting thickness of the shrub shears	8 mm
Running time max.:	35 min
Battery pack:	Li-Ion / 3.6 V d. c. / 1.5 Ah
Charging time:	3~5h
Protection class:	Battery powered
L_{pA} sound pressure level:	80 dB
K uncertainty	3 dB
L_{WA} guarantee sound power level:	89 dB
Vibration a_{hV} :	3.0 m/s ²
K uncertainty	1,5 m/s ²

Battery charger

Mains voltage.....100-240 VAC ~ 50-60 Hz

Output

Rated voltage 5VDC

Rated current: 500 mA

- The vibration emission level has been measured in accordance with a set of standardized criteria and can be used to compare one power tool with another.
- The specified emission level can also be used to make an initial assessment of the exposure to vibrations.
- The vibration emission level may vary from the level specified during actual use, depending on the way in which the power tool is used.
- Try to keep the impact from vibrations as low as possible. Exposure to vibrations can be reduced by wearing gloves when using the tool, for example, and by limiting the amount of operating time. This includes the full cycle of operation (e.g. times when the power tool is switched off and times when the tool is switched on but no working load is applied).

Before you start

Charging the battery pack

- Connect the charger to the charging station.
- Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Plug the battery charger in a socket-outlet. The red LED (Fig. 2 / Item A) comes on to indicate that charging voltage is available.
- The battery pack is being charged. An empty battery pack requires a maximum charging period of 3~5hours. The temperature of the battery pack may rise slightly during the charging operation. This is normal.
- As soon as battery pack is fully charged, the red LED (Fig. 2/Item A) extinguishes

If the rechargeable battery fails to charge, check whether there is voltage at the socket outlet.

Timely recharging of the battery pack will help it serve you well for a long time. Recharging is always necessary when you notice a drop in the tool's performance.

Never allow the battery pack to become fully discharged. This will cause it to develop a defect.

Operation

The area to be cut must first be cleared of stones and other solid objects. The safety lock-off (Fig. 1a/ Item 3) prevents the tool being started unintentionally. Activate the safety lock-off (Fig. 1a / Item 3) by pushing it forward and pressing the ON/ OFF switch (Fig.1a /Item 4) at the same time. To switch off the tool, let go of the ON/OFF switch (Fig. 1a / Item 4).

1 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, re-charge the tool immediately so that the battery does not become fully discharged.

2 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?

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

3 Changing the blades Caution! Risk of injury!

To remove the blade, press the release mechanism (Fig. 3 /Item 2) and take out the blade as shown in Fig. 3 / Item 2. Once you have removed the blade you will be able to see the toothed wheels of the gear unit(Fig. 4). Make sure that no dirt gets into the gear unit when you change the blade. To assemble, proceed in the reverse order.

To attach the grass cutter blade, slide the tab (see fig. 4) into the slot (see fig. 5) in the housing. Align the gear pin (see fig. 5) with the oval slot (see fig. 4) on the blade to make them fit precisely. Push the blade cover plate upward (see fig. 6) until you hear it snap closed. The blade cover plate will be tightened to the unit when it is started.

To attach the shrub trimming blade, slide the tab (see fig. 7) into the slot (see fig. 5) in the housing. Align the gear pin (see fig. 5) with the oval slot (see fig. 7) on the blade to make them fit precisely. Push the blade cover plate upward (see fig. 8) until you hear it snap closed. The blade cover plate will be tightened to the unit when it is started.

Maintenance

CAUTION: Blades can cause injury. Do not press the safety lock of the shear during maintenance work.

Note: To ensure long and reliable service, regularly carry out the following maintenance:

Check for obvious defects such as a damaged or loose blade, housing, or components. If the tool should stop working properly, repair should be carried out by a qualified individual, using identical replacement parts.

CAUTION: Never clean the trimming shears in water (especially running water), as there is a risk of personal injury and damage to the shears.

To obtain good cutting results, always make sure the blades are sharp, and clean them from time to time with a soft dry cloth.

For easier operation and longer blade life, use light machine oil to lubricate the trimming and grass shear blades before and after each use.

Check the condition of the cutting edges of the blades, and always immediately remove notches and burrs caused by stones, etc.

There are no parts inside the equipment which require additional maintenance.

Clean and storage.

- Clean the exterior of the tool thoroughly using a soft brush and cloth. Do not use water, solvents, or polishes.
- Remove all debris from the tool.
- After use, cover the blades with the guards provided. Charge the battery 3 to 5 hours before storing.
- If the tool is to be stored for an extended period of time or during winter storage, charge the battery at least once every three months to protect it from damage.
- Store the tool in a dry secure place out of reach of children
- Do not place any other objects on top of the tool. This tool must not be stored in temperatures over 40°C (104°F) or under direct exposure to sunlight.
- Do not store the tool in places with static electricity.

Disposal



A crossed-out wheeled bin icon means: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or local store for recycling regulations.

- Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities.
- Contact your local government agency for information regarding the collection systems available.

Service + Support:

If power tool requires service or maintenance, please contact Sporty's Preferred Living customer service at 1-800-776-7897 or via email at PreferredLiving@sportys.com