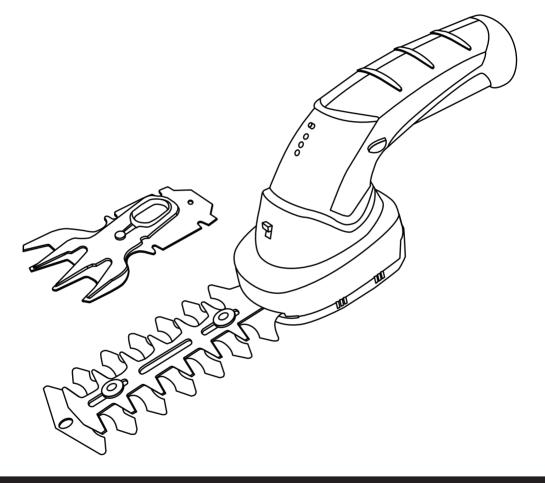
## KLEVA POWER PRUNER PLUS TRIM, PRUNE & GROOM ANYWHERE



# **USER MANUAL**

READ THIS IMPORTANT INFORMATION CAREFULLY BEFORE YOU USE THE APPLIANCE AND SAVE IT FOR FUTURE REFERENCE

## TECHNICAL SPECS

Model	Kleva Power Pruner Plus
SKU	KPPPLUS02
Rated voltage	DC 3.6 V
No load speed	1000/min
Hedge Trimmer cutting length	110 mm
Grass Shears cutting width	70 mm
Declaration of the noise emission values for Hedge Trimmer according to EN 60745-1 and EN 60745-2-15	
A-weighted sound pressure level LpA	67dB(A)
Uncertainty KpA	3dB
A-weighted sound power level LWA	87dB(A)
Uncertainty KWA	3dB
Declaration of the noise emission values for Hedge Trimmer according to noise directive A-weighted sound power level LWA	86dB(A)
Declaration of the noise emission values for Grass Shears according to EN 60335-1 and FprEN 60335-2-94	
A-weighted sound pressure level LpA	78dB(A)
Uncertainty KpA	3dB
A-weighted sound power level LWA	88dB(A)
Uncertainty KWA	3dB
Declaration of the vibration emission of Hedge Trimmer according to EN 60745-1 and EN 60745-2-15	
ah	2.3 m/s2
Uncertainty K	1.5 m/s2
Declaration of the vibration emission of Grass Shears according to EN 60335-1 and FprEN 60335-2-94	
ahW	2,845 m/s2
Weight [kg]	0.9 kg
Battery cell	Li-lon, 1300 mAh/1000 mAh
Charging time	5-6 h
	•

### 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 earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d) Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

f) If operating a 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.

### **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 energising power tools that have the switch on invites accidents.

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

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

f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves 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.

#### Power Tool Use & 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 power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

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

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

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

#### **Battery Tool Use & Care**

a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

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

### 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.

### Hedge Trimmer Safety Warning

• Keep all parts of the body away from the cutter blade. Do not remove cut material or hold material 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.

• 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.

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

### **Grass Shears Safety Warning**

a) Do not use the Grass Shears in bad weather conditions, especially when there is a risk of lightning. This decreases the risk of being struck by lightning.

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

c) Wear ear protection. Adequate protective equipment will reduce the risk of hearing loss.

d) Hold the Grass Shears by insulated gripping surfaces only, because the blade may contact hidden wiring or its own cord. Blades contacting a "live" wire may make exposed metal parts of the Grass Shears "live" and could give the operator an electric shock.

e) Keep all parts of the body away from the blade. Do not remove cut material or hold material to be cut when blades are moving. Blades continue to move after the switch is turned off. A moment of inattention while operating the Grass Shears may result in serious personal injury.

f) When clearing jammed material or servicing the Grass Shears, make sure the power switch is off and the power cord is disconnected. Unexpected actuation of the Grass Shears while clearing jammed material or servicing may result in serious personal injury.

g) Carry the Grass Shears by the handle with the blade stopped and taking care not to operate the power switch. Proper carrying of the Grass Shears will decrease the risk of inadvertent starting and resultant personal injury from the blades.

h) When transporting or storing the Grass Shears, always use the blade cover. Proper handling of the Grass Shears will decrease the risk of personal injury from the blades.

### Battery/Battery Charger Safety Warning

• Protect the battery charger from rain and moisture. The penetration of water in a battery charger increases the risk of electric shock.

 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.

• Do not charge other batteries. The battery charger is suitable only for charging lithium ion batteries within the listed voltage range. Otherwise, there is danger of fire and explosion.

• Keep the battery charger clean. Contamination may cause the danger of electric shock.

• Check the battery charger, cable, and plug each time before using. Do not use the battery charger when defects are detected. Do not open the battery charger yourself and have it repaired only by qualified personnel using original spare parts. Damaged battery chargers, cables and plugs increase the risk of electric shock.

• Do not operate the battery charger on easily inflammable surfaces (e.g. paper, textiles, etc.) or in combustible environments. There is danger of fire due to the heating of the battery charger during charging.

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

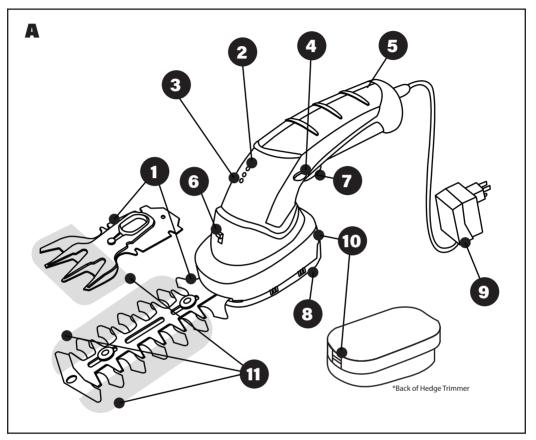
Do not open the battery yourself. There is danger of a short circuit.

• Protect the battery against heat, e.g. including against continuous sun irradiation and fire. There is a danger of explosion.

Do not short-circuit the battery. There is a danger of explosion.

• In case of damage and improper use of the battery, vapours may be emitted. In case of complaints, provide for fresh air and consult a physician. The vapours can irritate the respiratory system.

## PARTS BREAKDOWN

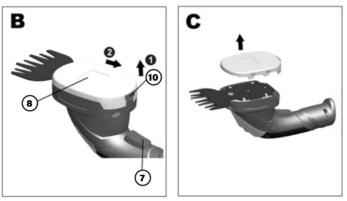


- 1. Trimmer Blades
- 2. Button for Battery Power Status Display
- 3. Battery Charger LED-Indicator
- 4. Safety Lock
- 5. Handle
- 6. On/Off Switch
- 7. Trigger Switch
- 8. SDS Drive Cover
- 9. Battery Charger
- 10. SDS Drive Cover Release Button
- 11. Blade Covers

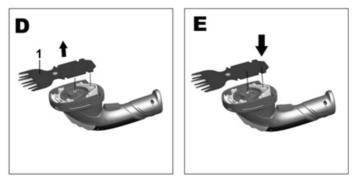
# HOW TO USE

### **Changing Trimmer Blades**

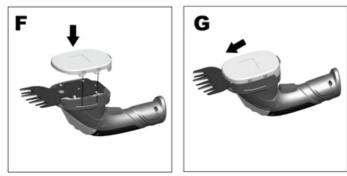
Push SSD Drive Cover Release Button (10) up and slide SDS Drive Cover (8) toward you and lift from Hedge Trimmer Body to remove.



Align the holes of the Trimmer Blade (1) with the drive pins of the Hedge Trimmer Body. **Note:** Flat surface of Trimmer Blade (1) will be facing you.



To place SDS Drive Cover (8) back on Hedge Trimmer Body. Tilt lid on an angle between the gaps of main body and push lid down. Once closed push SDS Drive Cover (8) towards blade to lock.



# HOW TO USE

### **Before Use**

#### Charging Procedure:

The Battery Charger (9) supplied matches the Li-ion battery installed in the machine. Do not use other battery chargers.

The Li-ion battery is protected against deep discharging. When the battery is empty, the machine is switched off by means of a protective circuit: The blade no longer moves.



A The charging process starts as soon as the main plug of the Battery Charger (9) is inserted in the socket and the machine is then placed on the Battery Charger (9). The Battery Charger LED-Indicator (3) lights up red to indicate the charging procedure. The battery is fully charged as soon as the Battery Charger LED-Indicator (3) is all lit.

- During the charging procedure, the handle of the machine warms up. This is normal.
- When not using for extended periods, disconnect the Battery Charger (9) from the socket.
- Do not use the machine during the charging procedure.

#### **Battery Power Status Display:**

By pressing the Button (2), the charge status is displayed by three multi-coloured LED's (3):

- Red LED is on

- <6.0 V - Red + vellow LED's are on -6.0-7.0 V
- All three LED's are on 7.0-7.2 V

Once only the red LED is lit, the Hedge Trimmer must be recharged.

### Starting and Stopping

#### Starting: (refer to page 7 diagram)

- Push down on the Triager Switch (7) to power Hedge Trimmer.

- Push in Safety Lock (4) and squeeze Trigger Switch (7) at the same time to start trimming.

#### Stopping:

- Release Trigger Switch (7).
- Once you have finished trimming, push up On/Off Switch (6) to power off.



WARNING! SWITCH OFF BEFORE ADJUSTING OR CLEANING. THE BLADES CONTINUE TO MOVE FOR A FEW SECONDS AFTER THE MACHINE IS SWITCHED OFF. CAUTION! DO NOT TOUCH THE MOVING BLADES.

## HOW TO USE



WARNING! HOLD THE MACHINE AWAY FROM YOURSELF.

### **Grass Shears**

#### **Cutting Hedges:**

Before cutting check the hedge for foreign objects e.g. wire fences.

Cut stems up to 8 mm in thickness. When cutting, move steadily along the line of cut, so that stems are fed directly into the Trimmer Blades (1). The double edge of the Trimmer Blades (1) enables cutting to either direction, or with a side to side motion.

After use, replace the blade transport guard.

Recommended cutting/trimming times:

- Cut hedges with deciduous leaves in June and October.
- Cut evergreen hedges in April and August.
- Cut conifer and other fast growing shrubs approx. every six weeks from May onwards.

#### Maintenance:

**Note:** To ensure long and reliable service, carry out the following maintenance regularly. Check for obvious defects such as loose, dislodged or damaged blade, loose fixings and worn or damaged components.

Check that covers and guards are undamaged and correctly fitted. Carry out necessary maintenance or repairs before using.

If the machine should happen to fail despite the care taken in manufacturing and testing, repair should be carried out by an authorized customer service agent.

For all correspondence and spare parts orders, always include the 10-digit part number (TYP) from the nameplate of the machine!

#### Blade Maintenance:

Always clean the Trimming Blades (1) after operation and lubricate with maintenance spray. Visually check the condition of the cutting edges of the Trimmer Blades (1). Ensure that the Trimmer Blade (1) is covered with the blade guard supplied when not in use.

#### Changing the Trimmer Blades (1):

Wear gloves when changing the Trimmer Blades (1).

#### Removing:

**B/C** Push the SDS-Blade Cover Release Button (10) and slide the Cover (8) towards the On/Off Switch (7). Lift away from the housing. **D** Lift the Trimmer Blades (1) out.

# MAINTENANCE

#### Fitting:

**E** Fit the Trimmer Blades (1) as shown aligning the holes in the blade onto the drive pins.

When refitting the SDS Drive Cover (8) ensure all 5 location legs are inside the housing prior to sliding cover into place.

F/G Slide the Blade Cover (11) back towards the Trimmer Blades (1) to secure.

#### Cleaning/Storage:

Clean the exterior of the machine thoroughly using a soft brush and cloth. Do not use water, solvents, or polishes. Remove all debris, especially from the ventilation slots.

Store the machine in a secure dry place out of reach of children. Do not place other objects on top of the machine.

#### Transport:

The battery is tested in accordance with the UN Handbook ST/SG/AC.10/11/Rev.3 Part III, Subsection 38.3. It has effective protection against internal overpressure and short circuiting as well as measures for prevention against forced rupture and dangerous reverse current.

The lithium equivalent contents contained in the battery are below the spilling limit values. Therefore, the battery is not subject to the national and international regulations governing dangerous goods, neither as individual components nor when inserted into a machine. However, the Dangerous Goods Regulations can be relevant when transporting several batteries. In this case, it can be necessary to observe special conditions (e. g. for packaging).

#### Disposal:

Power tools, accessories and packaging should be sorted for environmentally friendly recycling.

#### Battery Packs/Batteries:

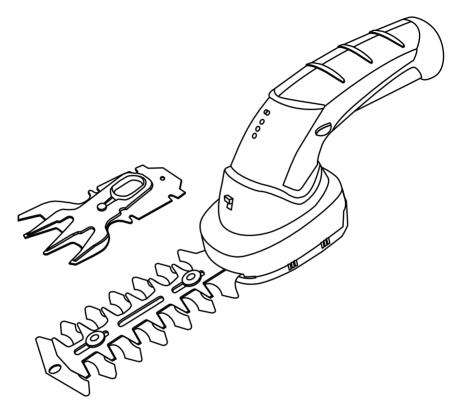
Please observe the instructions in the Section "Transport".

Do not dispose of battery packs/batteries into household waste, water or fire. Battery packs/batteries must be collected, recycled or disposed of in an environmentally friendly way.





## KLEVA POWER PRUNER PLUS TRIM, PRUNE & GROOM ANYWHERE





HANDLE WITH CARE. POWER TOOL CONTAINS SHARP COMPONENTS. KEEP AWAY FROM CHILDREN. INCORRECT USE CAN LEAD TO INJURY AND DAMAGE. KEEP HANDS AND UTENSILS OUT OF BLADES WHILE IN USE. INCORRECT USE CAN RESULT IN POWER TOOL BEING DAMAGED. DO NOT USE IF POWER TOOL IS CRACKED OR CHIPPED.

## **KLEVA RANGE**<sup>®</sup>

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