



POWERPLUS POWDPG80510 Cordless Pruning Shears User Manual

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POWERPLUS



POWDPG80510
CORDLESS PRUNING SHEARS
User Manual



NON INCLUS

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POWDPG80510 Cordless Pruning Shears

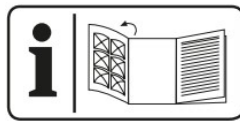




FIG. A



FIG. B



FIG. C



FIG. D 1



FIG. D 2



FIG. E



FIG. F



FIG. G

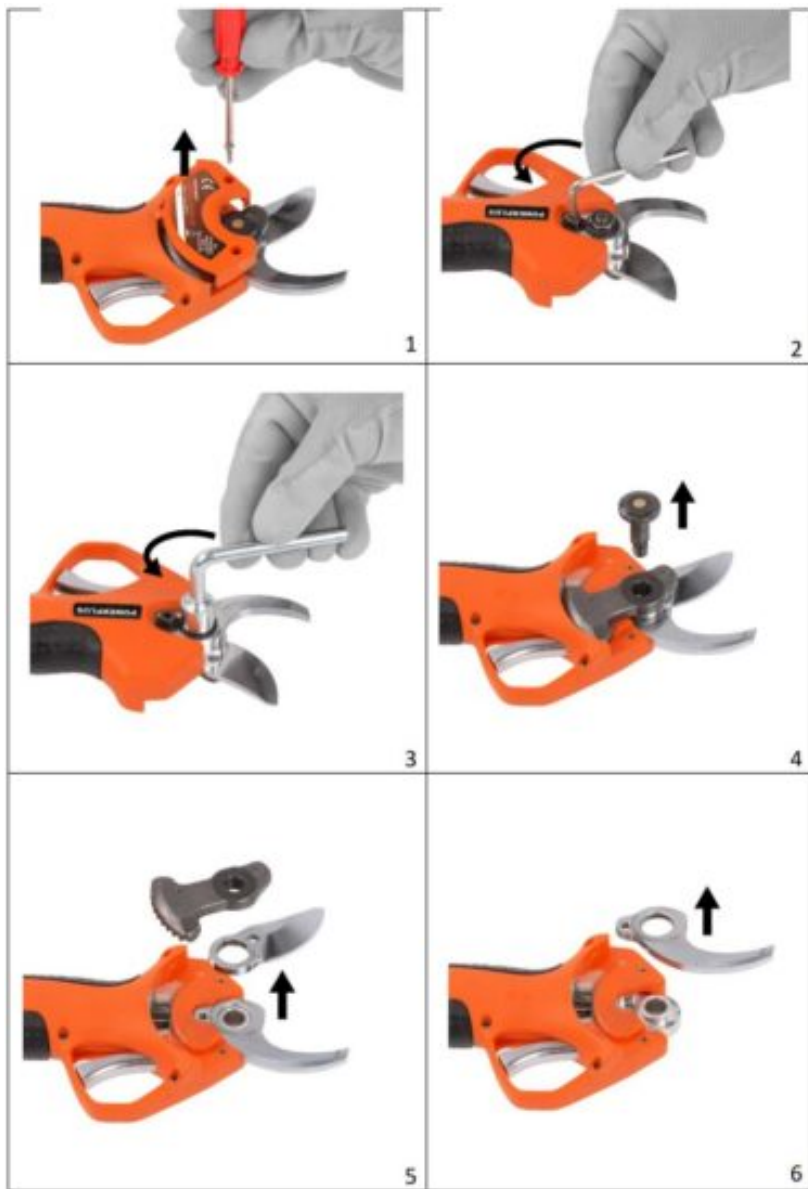




FIG. H

POWDPG80510
CORDLESS PRUNING SHEARS
BRUSHLESS 20 V 30 MM (NO BATTERY)
POWDPG80510

INTENDED USE

This product is a battery-driven cordless pruning shears and is designed for cutting branches and plants with a diameter of max. 30 mm (soft wood). The diameter is smaller for hardwood. This cordless pruning shears is not suitable for cutting metal. Not suitable for professional use.



WARNING! Read this manual and general safety instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these instructions.

DESCRIPTION (FIG. A)

1. Cutting blade (movable) 2. Counter blade (stationary) 3. Locknut 4. Power-on switch 5. Trigger switch 6. Lubrication hole 7. Grinding stone 8. Blade guard 9. Battery pack (not included)	10. Battery charger (not included) 11. Battery charger status indicator 12. Release latch 13. Battery level indicator 14. Battery level button 15. Empty oil bottle 16. Hex key 17. Allen key 18. Screwdriver
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NOTE: Study your cordless pruning shears and be familiar with its parts.

PACKAGE CONTENT LIST

- Remove all packing materials.
- Remove remaining packaging and transit supports (if existing).
- Check the completeness of the packing content.
- Check the appliance, the power cord, the power plug and all accessories for transportation damages.
- Keep the packaging materials as far as possible till the end of the warranty period.

Dispose it into your local waste disposal system afterwards.



WARNING: Packing materials are no toys! Children must not play with plastic bags! Danger of suffocation!
















1 x cordless pruning shears 1 x manual 1 x allen key 1 x hex key	1 x protective cover 1 x empty oil bottle 1 x screwdriver 1 x grinding stone
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When parts are missing or damaged, please contact your dealer.

SYMBOLS

In this manual and/or on the machine the following symbols are used:

	In accordance with essential applicable safety standards of European directives.
	Always wear gloves.
	Read manual before usage.
	Do not expose charger and battery pack (not included) to water.
	Ambient temperature 40 °C max. (only for battery) (not included).
	Electrical products must not be disposed with the domestic waste.
	Never operate the machine in the rain or in damp or wet conditions. Moisture is an electrical shock hazard.
	Class II – The charger is double insulated; Earthing wire is therefore not necessary (only for charger, not included).
	Wearing eye protection is advised.
	Denotes risk of personal injury or damage to the tool.
	Important information!
	Do not incinerate battery pack or charger (not included).
	Use battery and charger (not included) only in closed rooms.
	Keep hands away from blades, Don't touch the blades when starting or while operating the unit.
	Never contact charged objects with electric scissors.

GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and all instructions. Failure to follow all 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.

5.1 Work area

- Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

5.2 Personal safety

- 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.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used whenever conditions require will reduce personal injuries.
- Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- 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.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- 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.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

5.3 Power tool use and care

- 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.
- 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.
- Disconnect the battery (not included) 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.
- 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.
- Maintain power tools. Check for misalignment or sticking 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.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to stick and are easier to control.

- Use the power tool, accessories and tool bits etc., 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 intended could lead to a hazardous situation.

5.4 Service

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

ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERY-DRIVEN ELECTRIC PRUNING SHEARS

- Do not cut branches beyond the specified diameter indicated, do not cut hard items such as metals, stone or any other non-plant materials.
- This tool 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 the use of the tool by a person responsible for their safety. Children should be supervised to ensure that they do not play with the tool.
- Minors should never be allowed to operate the tool; it should never be left unattended and when not in use should be stored in a locked place out of the reach of children.
- Don't use the tool or perform battery charging operations in the rain.
- Don't leave the tool in rain or wet locations
- Be careful not to catch foreign matter between the blades. Remove the foreign matter from the blades.
- Take care, avoid cutting electrical wires that may be hidden.
- Keep your free hand away from the cutting area. Never touch the blades. They are very sharp and you may cut yourself.
- Be vigilant when operating to ensure that the fingers on the hand used to hold or move branches to be pruned are not exposed to the cutting blade.
- Always check the blades carefully before operation.
- Handle the blades with extreme care to prevent cuts or injury from the blades.
- Always wear protective gloves when using, adjusting or cleaning the tool.
- In case of damage and improper use of the battery (not included), vapours may be emitted. 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.
- Do not open the battery (not included). There is a risk of short-circuiting.
- The battery (not included) can be damaged by pointed objects such as nails or screwdrivers or by force applied externally. An internal short circuit may occur, causing the battery to burn, smoke, explode or overheat.
- Only use the battery (not included) with products from the manufacturer. This is the only way in which you can protect the battery against dangerous overload.
- Protect the battery against heat, e.g. against continuous intense sunlight, fire, dirt, water and moisture. There is a risk of explosion and short-circuiting.
- Do not use the pruning shear if it could not operate or shut down properly, send for servicing immediately. It is dangerous to use the pruning shear when the tool could not operate or shut down properly.

ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERIES AND CHARGERS



Use only batteries and chargers applicable for this machine.

7.1 Batteries (not included)

- Never attempt to open for any reason.
- Do not store in locations where the temperature may exceed 40 °C.
- Charge only at ambient temperatures between 4 °C and 40 °C.
- Store your batteries in a cool dry place (5 °C-20 °C). Never store batteries in discharged state.
- It is better for Li-ion batteries to discharge and reload them regularly (at least 4 times a year). The ideal charge for long-term storage of your Li-ion battery is 40 % of capacity.
- When disposing of batteries, follow the instructions given in the section “environment”.
- Do not cause short circuits. If connection is made between the positive (+) and negative (-) terminal directly or via accidental contact with metallic objects, the battery is short circuited and an intense current will flow causing heat generation which may lead to casing rupture or fire.
- Do not heat. If batteries are heated to above 100 °C, sealing and insulating separators and other polymer components may be damaged resulting in electrolyte leakage and/or internal short circuiting leading to heat generation causing rupture or fire. Moreover do not dispose of the batteries in fire, explosion and/or intense burning may result.
- Under extreme conditions, battery leakage may occur. When you notice liquid on the battery, proceed as follows:
 - Carefully wipe the liquid off using a cloth. Avoid skin contact.
 - In case of skin or eye contact, follow the instructions below:
 - ✓ Immediately rinse with water. Neutralize with a mild acid such as lemon juice or vinegar.
 - ✓ In case of eye contact, rinse abundantly with clean water for at least 10 minutes. Consult a physician.



Fire hazard! Avoid short-circuiting the contacts of a detached battery. Do not incinerate the battery.

7.2 Chargers (not included)

- Never attempt to charge non-rechargeable batteries.
- Have defective cords replaced immediately.
- Do not expose to water.
- Do not open the charger.
- Do not probe the charger.
- The charger is intended for indoor use only.

CHARGING AND INSERTION OR REMOVAL OF BATTERY

8.1 Charger indications (Fig. B)

- Connect the charger (10) to the power outlet socket.
- Charger indicator LEDs (11):
 - Solid green: ready to charge.

- Flickering red: charging.
- Solid green: charged.
- Solid green and red: battery or charger damaged.



Note: if the battery does not fit properly, disconnect it and confirm that the battery pack is the correct model for this charger as shown on the specification chart. Do not charge any other battery pack or any battery pack that does not securely fit the charger.

- Frequently monitor the charger and battery pack while connected.
- Unplug the charger and disconnect it from the battery pack when finished.
- Allow the battery pack to cool completely before using it.
- Store the charger and battery pack indoors, out of reach of children.

NOTE: If battery is hot after continuous use in the tool, allow it to cool down to room temperature before charging. This will extend the life of your batteries.

8.2 Removal/insertion of battery (Fig. A & B)



WARNING: Before making any adjustments ensure the tool is switched off or remove the battery pack.

- Hold the tool with one hand and the battery pack (9) with the other.
- To install: push and slide battery pack into battery port, make sure the release latch (12) on the rear side of the battery snaps into place and battery is secure before beginning operation.
- To remove: Press the battery release latch (12) and pull the battery pack out at the same time.

8.3 Battery level indicator (Fig. B)

There are battery level indicators (13) on the battery pack, you can check the capacity status of the battery if you squeeze the button (14). Before using the machine, please press switch trigger to check if the battery is full enough for proper working.

Those 3 LEDs (13) show the status of the capacity level of the battery:

- 3 LED's are lit: Battery fully charged.
- 2 LED's are lit: Battery 60 % charged.
- 1 LED is lit: Battery almost discharged.

OPERATION



WARNING: Keep hands away from the blades!

9.1 Starting (Fig. C)

- Open the package and remove the protective cover (8).
- Insert the battery pack (see 8.2 Removal/insertion of battery).
- Press and hold the power switch (4) for 1 second: the buzzer will ring once, the led light (4) will light up and the

machine will start.

- Pull the trigger switch (5) twice in a row: the buzzer rings once to enter the active state.
- Before working, press the trigger switch (5) intermittently to close the blade with no load for several times to check whether it is normal. Start to work after confirming that it is normal.

9.2 Cutting (Fig. D1)

- Press the trigger switch (5): The blade will close.
- Release the trigger switch (5): The blade opens.

9.3 Blade closing (Fig. D2)

- Press the trigger switch (5) continuously for 2 seconds: the buzzer rings, and the blade will close.

9.4 Sleep-mode and auto switch-off function

- After 60 seconds of non-use the device will go automatically into sleep mode.
- Pull the trigger switch (5) twice in a row to enter again the active state.
- The device switches off automatically after 600 seconds of non-use.

9.5 Stopping (Fig. D2)Q

- Press the trigger switch (5) and hold for two seconds and then release: the blade will closed and won't open anymore.
- Press and hold the power switch (4) for 1 second: to shut down the machine: the buzzer will ring once and the LED light (4) will go out.
- Remove the battery pack (see 8.2 Removal/insertion of battery).
- Place the protective cover (8) on the machine, clean up the tool and tidy up.

9.6 Anti-cutting hand function (Fig. E)

- When the scissors are turned on, the anti-shearing hand function is turned on by default.
- When the other hand of the operator contacts the blade, a current circuit is formed, the buzzer sounds continuously, and the scissors stop working.
- Press the trigger for 4 seconds, hear the second buzzer sound, the anti-shearing hand function is turned off, the scissors can continue to work, but it has lost the anti-shearing hand function.
- After the function of anti-shearing hand is turned off, press the trigger for 4 seconds again, and hear the buzzer make a second sound, and the anti-shearing function is turned on again.
- When the scissors are turned off, turn it on again, and the anti-shearing hand function is turned on by default.



WARNING: The anti-cutting hand function DOES NOT WORK when you wear gloves!



WARNING: The original intention of the anti-cutting hand function is to provide additional protection for the operator to reduce the occurrence of accidental injuries, but it does not rule out that it will fail and lose the protection function in the event of improper operation.

During the operation, the operator should always operate carefully to prevent fingers from approaching the blade

working area to prevent accidental injuries.

TROUBLESHOOTING TABLE

Error message	Meaning	How to solve this?
Buzzer sounds 2 times	Abnormal communication	Check whether the cable connector of each part is loose
Buzzer sounds 4 times	Motor phase loss	Go to your local dealer for repair
Buzzer sounds continuously	Safety warning	Check if any part of your body is in direct contact with the blade
The indicator light is steady red	Battery capacity failure	Check if the battery capacity is low

CLEANING AND MAINTENANCE

- Check your machine regularly before starting the work.
- Damaged cutting blades have to be replaced before working with the machine.
- After each cutting operation, clean the cutting blade with a soft brush and cloth with lubricating fluid oil and spray a thin layer of fluid protective oil on the complete blade.
- Always keep the ventilation slots in motor housing clean.
- Never clean or spray a machine with water. Clean the motor housing only with a moist cloth and never apply detergents or solvents! These could ruin the plastic parts of the machine. Finally, dry the motor housing carefully.
- Store the machine with the supplied protection cover blade guard.
- Only use original accessories and spare parts.



WARNING: Before making any adjustments ensure the tool is switched off and remove the battery pack.

11.1 Blade grinding (Fig. F)

- Regularly check the sharpness of the blades and sharpen them if necessary. Sharp knives make a nicer cut.
- First clean the pruning blades.
- Moisten the pruning shears a little bit to prevent the grooves in the blades from becoming clogged.
- Hold your pruning shears in your hand so that the cutting blades are at an angle of approximately 20 degrees, so you can sharpen the blades correctly.
- Take the grinding stone (7) and start sharpening on the inside of the cutting blade; work your way towards the point. Move in the direction the cutting blade was sharpened at the factory (you can tell by the shape of the blade).
- Depending on how blunt your pruning shears are, repeat this about 10 to 50 times.
- Sharpen the back of the blade once to make it nice and even.

11.2 Blade lubrication (Fig. G)

- Regularly lubricate the moving parts of the pruning shears with oil to ensure that they continue to function

smoothly.

- Put lubricating oil for pruning shears (can be purchased at a local store) in the supplied empty oil bottle.
- Put regularly a drop of the oil in the oil bottle (15) in the lubrication hole (6).

11.3 Blade replacement (Fig. H)

- When the cutting blade (1) no longer crosses the fixed blade (2) throughout its length, or when the power pruner could no longer have a clean cut after grinding, blade replacement is recommended.
- Please follow the following steps:
 - For your own safety, before replacing the blade, please ensure that the power of the pruning shear has been turned OFF (by pressing and holding the power switch (4) for 1 second) and the battery has been removed from the tool.
 - Follow the different steps as described on Fig. F. to replace the blade.
 - Clean up the blade after replacing, insert the battery in the tool again, turn the power ON (by pressing and holding the power switch (4) for 1 second) to test the blade.



NOTE: Fixed and movable blades can be replaced individually; do not worry about the size of the replacement blade aperture, the opening will automatically return to normal size during power ON after completing blade replacement.

TECHNICAL DATA

Model	POWDPG80510
Voltage	20 V
Electric motor type	Brushless
Cutting capacity	18-30 mm
Sleep mode	Yes, after 60 seconds
Auto switch-off function	Yes, after 600 seconds

NOISE

Noise values measured according to relevant standard. (K=3)

Acoustic pressure level LpA	69 dB(A)
Acoustic power level LwA	77 dB(A)



ATTENTION! Wear hearing protection when sound pressure is over 85 dB(A)

aw (Vibration)	0,7 m/s ²	K = 1.5 m/s ²
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WARRANTY

- This product is warranted for a 36-month period effective from the date of purchase by the first user.
- This warranty covers all material or production flaws excluding: batteries, chargers, defective parts subject to normal wear & tear such as bearings, brushes, cables, and plugs, or accessories such as drills, drill bits, saw blades, etc.; damage or defects resulting from maltreatment, accidents or alterations; nor the cost of transportation.
- Damage and/or defects resulting from inappropriate use also do not fall under the warranty provisions.
- We also disclaim all liability for any bodily injury resulting from inappropriate use of the tool.
- Repairs may only be carried out by an authorized customer service centre for Powerplus tools. You can always obtain more information at the number 00 32 3 292 92 90.
- Any transportation costs shall always be borne by the customer, unless agreed otherwise in writing. At the same time, no claim can be made on the warranty if the damage of the device is the result of negligent maintenance or overload.
- Definitely excluded from the warranty is damage resulting from fluid permeation, excessive dust penetration, intentional damage (on purpose or by gross carelessness), inappropriate usage (use for purposes for which the device is not suitable), incompetent usage (e.g. not following the instructions given in the manual), inexperienced assembly, lightning strike, erroneous net voltage.
- This list is not exhaustive. Acceptance of claims under warranty can never lead to the prolongation of the warranty period nor commencement of a new warranty period in case of a device replacement.
- Devices or parts which are replaced under the warranty therefore remain the property of Varo NV. We reserve the right to reject a claim whenever the purchase cannot be verified or when it is clear that the product has not been properly maintained. (Clean ventilation slots, carbon brushes serviced regularly, etc.).
- Your purchase receipt must be kept as proof of date of purchase.
- Your appliance must be returned undismantled to your dealer in an acceptably clean state, (in its original blow-moulded case if applicable to the unit), accompanied by proof of purchase.
- Your tool must be charged at least 1x per month to ensure optimal operation of this tool.

ENVIRONMENT



Should your appliance need replacement after extended use, do not dispose of it with the household refuse, but in an environmentally safe way.

Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check with your Local Authority or retailer for recycling advice.

DECLARATION OF CONFORMITY



VARO – Vic. Van Rompuy n.v., Joseph Van Instraat 9 – 2500 Lier – Belgium, solely declares that,

Product: PRUNING SHEARS – BATTERY OPERATED

Trade mark: PowerPlus

Model: POWDPG80510

is in conformity with the essential requirements and other relevant provisions of the applicable European Directives/Regulations, based on the application of European Harmonized Standards.
Any unauthorized modification of the apparatus voids this declaration.

European Directives/Regulations (including, if applicable, their amendments up to the date of signature):

2011/65/EU

2006/42/EC

2014/30/EU

European Harmonized Standards (including, if applicable, their amendments up to the date of signature):

EN62841-1 : 2015

EN IEC55014-1 : 2021

EN IEC55014-2 : 2021

Keeper of the Technical Documentation: Philippe Vankerkhove, VARO Vic. Van Rompuy n.v.

The undersigned acts on behalf of the company CEO,

Mertens Ludo

Ludo Mertens

Certification Manager

11/06/2024, Lier – Belgium



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Documents / Resources

	<p>POWERPLUS POWDPG80510 Cordless Pruning Shears [pdf] User Manual 80510, POWDPG80510 Cordless Pruning Shears, POWDPG80510, Cordless Pruning Shears, Pruning Shears, Shears</p>
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References

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