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DRILL/ SCREWDRIVER 18V POWE00042

1 APPLICATION

Your rechargeable drill/screwdriver has been designed for drilling in wood, metal and plastics and for screw driving applications. Not suitable for professional use.



WARNING! For your own safety, read this manual and the general safety instructions carefully before using the appliance. Your power tool should only be given to other users together with these instructions.

2 DESCRIPTION (FIG A)

1. On/off switch trigger
2. Forward/reverse - rotation selector
3. Torque adjustment collar
4. Keyless Chuck 10mm
5. Battery
6. Battery release button
7. LED light
8. Speed selector
9. Charger
10. LED battery capacity indicator

3 PACKAGE CONTENT LIST

- Remove all packaging materials.
- Remove remaining packaging and packing inserts (if included).
- Check that the package contents are complete.
- Check the appliance, the power cord, the power plug and all accessories for transportation damage.
- Keep the packaging materials as far as possible until the end of the warranty period. Then take it to your local waste disposal system.



WARNING Packaging materials are not toys! Children must not play with plastic bags! There is a danger of suffocation!

- 1 x Machine
- 1 x Charger
- 2 battery
- 1 Manual
- 12x 25mm bits (PZ0/PZ2/3/5/PH0/PH2/H2/H3/H4/T10/T15/T20)
- 1x magnetic bitholder
- 1x double head screw bit



If any parts are missing or damaged, please contact your dealer.

4 SYMBOLS

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

	Denotes risk of personal injury or damage to the tool.		Read manual before use.
	In accordance with essential safety standards of applicable European directives.		Class II - The machine is double insulated; earth wire is therefore not necessary.
	Do not expose charger and battery pack to water.		Risk of fire!
	Only use the battery charger indoors.		Do not expose charger and battery pack to high temperature.
	Mandatory use of eye protection.		Wear gloves

5 GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to heed warnings and follow instructions may result in electric shock, fire and/or serious injury. Keep safety warnings and instructions for future reference. The term "power tool" in the safety warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

5.1 Working area

- Keep working area clean and well lit. Untidy and dark areas can lead to accidents.
- Do not operate power tools in potentially explosive surroundings, for example, in the presence of inflammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders at a distance when operating a power tool. Distractions can cause you to lose control of it.

5.2 Electrical safety



Always check that the power supply corresponds to the voltage on the rating plate.

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed power tools. Unmodified plugs and matching outlets will reduce the risk of a lethal electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, kitchen ranges and refrigerators. There is an increased risk of a lethal electric shock if your body is earthed.
- Do not expose power tools to rain or wet conditions. If water gets inside a power tool, it will increase the risk of a lethal electric shock.
- Do not damage the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of a lethal electric shock.
- When operating a power tool outdoors, use an extension cable suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of a lethal electric shock.

- If operating a power tool in a damp location is unavoidable, use a power supply protected by a residual current device (RCD). Using an RCD reduces the risk of a lethal electric shock.

5.3 Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool when you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when operating a power tool may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Using safety equipment such as a dust mask, non-skid safety shoes, a hard hat, or hearing protection whenever it is needed will reduce the risk of personal injury.
- Avoid accidental starts. Ensure the switch is in the off position before inserting the plug. Carrying power tools with your finger on the switch or plugging in power tools when the switch is in the on position makes accidents more likely.
- Remove any adjusting keys or spanners before turning on the power tool. A spanner or key left attached to a rotating part of the power tool may result in personal injury.
- Do not reach out too far. Keep your feet firmly on the ground at all times. This will enable you retain control over the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from the power tool. Loose clothes, jewellery or long hair can become entangled in the moving parts.
- If there are devices for connecting dust extraction and collection facilities, please ensure that they are attached and used correctly. Using such devices can reduce dust-related hazards.

5.4 Power tool use and care

- Do not expect the power tool to do more than it can. Use the correct power tool for what you want to do. A power tool will achieve better results and be safer if used in the context for which it was designed.
- Do not use the power tool if the switch cannot turn it on and off. A power tool with a broken switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store power tools, when not in use, out of the reach of children and do not allow people who are not familiar with the power tool or these instructions to operate it. Power tools are potentially dangerous in the hands of untrained users.
- Maintenance. Check for misalignment or jammed moving parts, breakages or any other feature that might affect the operation of the power tool. If it is damaged, the power tool must be repaired. Many accidents are caused by using poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to jam and are easier to control.
- Use the power tool, accessories and cutting tools, 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 which needs to be done. Using a power tool in ways for which it was not intended can lead to potentially hazardous situations.

5.5 Service

- Your power tool should be serviced by a qualified specialist using only standard spare parts. This will ensure that it meets the required safety standards.

6 SPECIFIC SAFETY WARNINGS

- Wear ear protectors when impact drilling. Exposure to noise can cause hearing loss.
- Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.
- Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

7 ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERIES AND CHARGERS

7.1 Batteries (5)

- 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.
- Charge only using the charger provided with the tool.
- When disposing of batteries, follow the instructions given in the section "Protecting the 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 (9)

- Use the charger provided with the tool only to charge the battery.
- 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.

8 OPERATION

8.1 Charging the battery (fig. 1)

The battery (5) must be charged before first use. Only after several charge and discharge cycles the battery will attain full capacity.



The battery pack will become slightly warm to the touch while charging, this is normal and does not indicate a problem.



Do not place the charger in an area of extreme heat or cold, it will best at normal room temperature.



NOTE: Allow the battery pack to cool completely before charging. Inspect the battery pack before charging; do not charge a cracked or leaking battery pack.

- Plug the adapter (c) into suitable outlet.
- Plug the charger plug (b) into the charging socket (e) of battery pack (5) and ensure to connect firmly. The red LED light (a) will illuminate to show the battery is charging.
- When the battery is loaded, the red LED light (a) will extinguish and green LED light (d) light on the battery pack until the charger disconnect from the mains.



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 (9) and battery pack (5) 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 Battery capacity indicator

There is LED Battery Indicator (10) above on the ON/OFF switch trigger (1) such as the Fig. 2 shows. You can check the capacity status of the battery with squeezing the switch trigger (1). Before use the machine, please press switch trigger to check if the battery is full enough for properly working.

The statuses of two LED lights show the capacity level of the battery:

Green LED light: The battery is fully charged.

Red LED light: Battery almost discharged.



NOTE: The LED battery indicators always light during operation.

NOTE: Please charge the battery after using each time, it is necessary to charge the battery per month if the machine is out of work.

8.3 Positioning and removing a drill or screw bit (fig. 3)

This tool is equipped with a keyless chuck (4).

- Open the chuck by turning the collar.
- Insert the drill or screw bit in the chuck.
- Close the chuck by firmly tightening the front collar (a) while holding the rear part (b) of the chuck with the other hand.
- In order to remove the drill or screw bit proceed in reverse order. Before positioning or removing a drill or screw bit always remove the battery from the machine.

8.4 Adjusting the torque

This machine has been fitted with an adjustable coupling (21+1 pos) to limit the torque when tightening screws .

- Turn the adjustment collar (3) clockwise to reduce the torque and counterclockwise to increase the torque. The correct setting depends on the type and size of the screw and the work piece.
- In case of doubt, start with the lowest setting and increase the torque until you have reached the desired result.
- For drilling, turn the adjustment collar fully counterclockwise (to the drilling symbol).

8.5 Switching on and off

- To switch on the machine, press the on/off switch (1).
- To switch off the machine, release the on/off switch.

8.5.1 Switch lock

The switch trigger can be locked in the center position. (See Fig. 4)

This helps to reduce the possibility of accidental starting when not in use. To lock the switch trigger, place the direction of rotation selector (2) in the center position.

8.5.2 Direction of rotation (Fig. 5)

Direction of rotation is controlled by the direction of rotation selector (2) located above the switch trigger.

To select forward rotation, release the on/off switch and push the forward/reverse lever to left side of the tool. To select reverse rotation, push the lever to right side of the tool. When the selector is in center position, the switch trigger is locked.



Clockwise rotation:

To select forward rotation, release the ON/OFF switch and push the forward/reverse lever to right side of the tool.



Anticlockwise rotation:

To select reverse rotation, push the lever to right side of the tool. When the selector is in center position, the switch trigger is locked and the machine cannot be switched on.

8.5.3 Variable speed

- Applying more pressure to the On/Off switch will increase the speed.
- Applying less pressure to the On/Off switch will decrease the speed.

8.6 Lower/higher speed selecting (Fig. 6)

- Lower speed: switch Speed convert button to position "1"
- Higher speed: switch Speed convert button to position "2"

8.7 LED worklight (10)

Your cordless drill is equipped with an LED light at the front (above the ON/OFF switch) above the battery pack. The white LED light will light when you operate the machine, providing the work area to be lighted.

9 CLEANING AND MAINTENANCE



Attention ! Before performing any work on the equipment, pull the power plug.

9.1 Cleaning

- Keep the ventilation slots of the machine clean to prevent overheating of the engine.
- Regularly clean the machine housing with a soft cloth, preferably after each use.
- Keep the ventilation slots free from dust and dirt.
- If the dirt does not come off use a soft cloth moistened with soapy water.



Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

10 TECHNICAL DATA

Model	POWE00042
Rotation speed	0-400 / 0-1500
Rated voltage	18V
Max. drill-bit diameter	10mm
Battery capacity	1300mah
Battery type	Li-ion
Max. torque	30Nm
Number of LED	1
Capacity steel	6mm
Capacity wood	19mm
Material Housing	ABS plastic
Chuck type	10mm double sleeve keyless chuck
Torque positions	21+1
Quick stop	Yes
Charging time	5 hour
Battery connection	Slide-on
Number of speed settings	2

11 NOISE

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

Acoustic pressure level LpA	73 dB(A)
Acoustic power level LwA	84 dB(A)



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

aw (Vibration)	6.5m/s ²	K = 1,5 m/s ²
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12 SERVICE DEPARTMENT

- Damaged switches must be replaced by our after-sales service department.
- If the connecting cable (or mains plug) is damaged, it must be replaced by a special connecting cable which is available from our service department. Replacement of the connecting cable should only be carried out by our service department (see last page) or by a qualified specialist (qualified electrician).

13 STORAGE

- Thoroughly clean the whole machine and its accessories.
- Store it out of the reach of children, in a stable and secure position, in a cool and dry place, avoid too high and too low temperatures.
- Protect it from exposure to direct sunlight. Keep it in the dark, if possible.
- Don't keep it in plastic bags to avoid humidity build-up.

14 WARRANTY

- This product is warranted as provided by law for a 24 -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 center 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), inexpert 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.
- Attention: When using Li-ion batteries, the battery must be first fully discharged and then fully recharged. Thus you will prevent possible capacity loss.

15 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.

16 BATTERY PACK

This product contains Li-ion. To preserve natural resources, please recycle or dispose of batteries properly. Local, state or federal laws may prohibit disposal of Li-ion batteries in ordinary trash. Consult you local waste authority for information regarding available recycling and/or disposal options.

17 DECLARATION OF CONFORMITY

VARO N.V. - Joseph Van Instraat 9 - BE2500 Lier - BELGIUM, declares that,

Product: Drill/ Screwdriver 18V
Trade mark: POWERplus
Model: POWE00042

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

European Directives (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);
EN60745-1 : 2009
EN60745-2-1 : 2010
EN55014-1 : 2006
EN55014-2 : 2015

Keeper of the Technical Documentation : Philippe Vankerkhove, VARO – Vic. Van Rompy N.V.

The undersigned acts on behalf of the company CEO,

Philippe Vankerkhove
Regulatory Affairs – Compliance Manager
25/10/16