

| | | |
|-------|---|---|
| 1 | DOMAIN OF USE | 2 |
| 2 | DESCRIPTION (FIG. A)..... | 2 |
| 3 | SYMBOLS | 2 |
| 4 | GENERAL POWER TOOL SAFETY WARNINGS | 3 |
| 4.1 | <i>Working area</i> | 3 |
| 4.2 | <i>Electrical safety</i> | 3 |
| 4.3 | <i>Personal safety</i> | 3 |
| 4.4 | <i>Power tool use and care</i> | 4 |
| 4.5 | <i>Service</i> | 4 |
| 5 | ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERIES AND CHARGERS ... | 4 |
| 5.1 | <i>Batteries</i> | 5 |
| 5.2 | <i>Chargers</i> | 5 |
| 6 | SAFETY WARNING FOR WORK-LIGHT..... | 5 |
| 7 | OPERATION..... | 5 |
| 7.1 | <i>Charging the battery pack</i> | 5 |
| 7.1.1 | <i>Charging indication</i> | 6 |
| 7.2 | <i>Battery capacity indicator (Fig.1a)</i> | 6 |
| 7.3 | <i>Inserting and removing the battery (Fig 2)</i> | 7 |
| 7.4 | <i>Adjusting the light direction (Fig. 3)</i> | 7 |
| 7.5 | <i>ON/OFF switch button (Fig 4)</i> | 7 |
| 7.6 | <i>Hanging hook</i> | 7 |
| 8 | CLEANING AND MAINTENANCE | 7 |
| 9 | TECHNICAL DATA | 8 |
| 10 | WARRANTY | 8 |
| 11 | ENVIRONMENT | 9 |

**PORTABLE LED WORKLIGHT 20 V (NO BATTERY)
POWDP8031****1 DOMAIN OF USE**

Outdoor or indoor usage such as jobsite, garden, studio and workshop.



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.



2 DESCRIPTION (FIG. A)

1. Work light head
2. Bracket
3. Adjustable knob
4. Bracket seat
5. Hanging hook
6. Rubber pad
7. Handle
8. Battery pack (not included)
9. ON/OFF button
10. Power level button
11. Charger (not included)

3 SYMBOLS

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

| | | | |
|--|--|--|--|
| | Denotes risk of personal injury or damage to the tool. | | In accordance with essential requirements of the European directive(s). |
| | Read manual before use. | | Class III - tool in which protection against electric shock relies on supply at safety extra-low voltage and in which voltages higher than those of safety extra-low voltages are not generated. |
| | Ambient temperature 40 °C max. (only for battery). | | Do not expose charger and battery pack to water. |

| | | | |
|---|---|---|--|
|  | Use battery and charger only in closed rooms. |  | Do not incinerate battery pack or charger. |
|---|---|---|--|

4 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.

4.1 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.

4.2 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 an electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, kitchen ranges and refrigerators. There is an increased risk of an 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 an 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 an 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 an 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 an electric shock.

4.3 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.

4.4 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.
- Maintain power tools. 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.

4.5 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.

5 ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERIES AND CHARGERS



Use only batteries and chargers applicable for this machine.

5.1 Batteries

- 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.
- 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.

5.2 Chargers

- 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.

6 SAFETY WARNING FOR WORK-LIGHT

- This is not a toy; children are not permitted to use this led work light. This item is a DIY product, all electronic parts are fixed already, any intention of opening the work-light or changing the work-light's design is prohibitive.
- Do not attempt to replace or change the diode lights! If the protective glass is cracked or broken, it must be replaced before the work light can be used again.

7 OPERATION

7.1 Charging the battery pack

The battery pack for this tool is supplied in a low charge condition to prevent possible problems, therefore, you have to charge the battery before first use.



Note: Batteries will not reach full charge the first time they are charged. Allow several cycles for the item to fully charge. The battery should only be charged indoors.

After normal use, about 1 hour of charging time is required for the battery to be fully charged.

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

Do not place the charger in an area of extreme heat or cold. Best is at normal room temperature. When the battery becomes fully charged, unplug your charger from the power supply and remove the battery pack from the charger.

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.

7.1.1 Charging indication (Fig. 1a)

Connect the charger to the power outlet socket:

- 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.



NOTE: Remove battery pack from charger stand which use your thumb or fingers, press the battery's release button in and pull the battery pack off at the same time.

7.2 **Battery capacity indicator (Fig. 1b)**

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

Those 3 LED might 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.

7.3 Inserting and removing the battery (Fig. 2-3)

- Hold the tool with one hand and the battery pack (8) with the other.
- To install: push and slide battery pack into battery port, make sure the release latch on the rear side of the battery snaps into place and battery is secure before beginning operation. (Fig. 2)
- To remove: Press the battery release latch and pull the battery pack out at the same time. (Fig. 3)

7.4 Adjusting the light's direction (Fig. 4)

The work light head (1) can be turned 360°.

- 1 Loosen the adjustable knob (3).
- 2 Turn and adjust the work light head (1) to the desired position.
- 3 Retighten the adjustable knob (3).

7.5 ON/OFF button and power level button (Fig 5)

- This portable work light is equipped with an ON/OFF button (9) and a power level button (10), which can adjust the portable work light's brightness.
- If you want to adjust the brightness, repeatedly push the power level button until the desired light brightness is reached.



WARNING: Do not stare directly at the light beam. Never aim the beam at any person or an object other than the work piece.

Do not deliberately aim the beam at people and ensure that it is not directed towards the eye of a person for longer than 0.25 s.

7.6 Hanging hook (Fig. 6)

There is a hanging hook (5) inside the product package. For use, add it to the bottom of the bracket (2).

When you need to hang the work light, just turn it outwards and take it out; afterwards, put it back into the initial position.

8 CLEANING AND MAINTENANCE

Clean the housing only with a damp cloth. Do not use any solvents! Dry thoroughly afterwards. In order to maintain battery capacity, we recommend the battery to be completely discharged every one month and fully recharged again. Only store with a fully charged battery and top-up the charge from time to time if stored for a long time. Store in a dry and frost-free place, the ambient temperature should not exceed 40 °C.

9 TECHNICAL DATA

| Type | POWDP8031 |
|--|--------------------------------|
| Rated voltage | 20 V DC |
| Wattage | 10 W / 20 W / 30 W |
| Lumen | 1,100 lm / 2,000 lm / 2,700 lm |
| Colour temperature | 6400 K |
| Lifespan bulb | 50,000h |
| Net weight | 1.7 kg |
| Battery Working time | 1h up to 18h |
| Working time position 1: 20 V - 2.0 Ah | 5h45 |
| Working time position 2: 20 V - 2.0 Ah | 2h15 |
| Working time position 3: 20 V - 2.0 Ah | 1h |
| Working time position 1: 40 V – 2.5 Ah | 12h30 |
| Working time position 2: 40 V – 2.5 Ah | 5h |
| Working time position 3: 40 V – 2.5 Ah | 2h30 |
| Working time position 1: 40 V – 4.0 Ah | 18h45 |
| Working time position 2: 40 V – 4.0 Ah | 7h30 |
| Working time position 3: 40 V – 4.0 Ah | 3h45 |

10 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 authorised 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), 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.

11 ENVIRONMENT



Should your appliance need replacement after extended use, do not discard it with the household rubbish but dispose of it 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.

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 your local waste authority for information regarding available recycling and/or disposal options.