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# POWER STATION POWX410



**WARNING! Please read and understand this operating manual before use and keep it for your future reference. Your power tool should only be passed on together with these instructions.**

## 1 DESCRIPTION

1. Safety storage holsters.
2. Charging indicator light & AC charging adaptor input
3. ON/OFF switch
4. Battery condition indicator
5. Light switch
6. Compressor switch
7. OUT switch
8. 12V (cigarette lighter) DC output with overload protection
9. Heavy-duty plastic handle with metal saw-tooth clamps
10. Air pressure gauge
11. 15 amp user replaceable fuse
12. Light
13. DC adaptor
14. AC adaptor

## 2 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!**

1pc manual  
1pc power station  
1pc power cord  
1pc charger  
3pc nozzles



**When parts are missing or damaged, please contact your dealer.**

## 3 EXPLANATION OF SYMBOLS

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

	In accordance with essential applicable safety standards of European directives.
	Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions in this manual.
	Read instructions carefully.

## **4 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 mains operated (corded) power tool or battery operated (cordless) power tool.

### **4.1 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.

### **4.2 Electrical safety**

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

### **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 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.

#### **4.4 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 plug from the power source 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.
- Battery use and care :
  - 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.
  - Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
  - 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.
  - 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.

#### **4.5 Service**

- 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.

## **5 SPECIAL SAFETY INSTRUCTIONS**

### **5.1 Risk of explosive gases (warning)**

Working near a lead-acid battery is dangerous. Batteries generate explosive gases during normal battery operation. For this reason, it is important that you read this manual and follow the instructions exactly whenever using your Power Station. Also read and follow the instructions published by the vehicle battery manufacturer and the manufacturer of any equipment you intend to use in the vicinity of the battery. Review all caution marking on these products and on the engine.

### **5.2 Personal precautions**

- Wear eye and protective clothing.
- Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing or eyes. Avoid touching eyes while working near battery. If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters the eye(s) immediately flood with cold water for at least 10 minutes and get medical attention as soon as possible.
- Do not smoke or allow a spark or flame near the battery engine.

- Do not drop metal tools onto the battery. Be cautious in the use of metal tools near the car battery. Contact between metal and the positive car battery post may cause a spark or short circuit the car battery or electrical component that may cause an explosion.
- Remove metal personal items such as rings, bracelets, watches, and chains when working near a lead-acid battery. Contact between a metal item and the positive car battery post can produce a short circuit current high enough to cause a severe burn.

#### OTHER SAFETY INSTRUCTIONS

- Use the portable power source for charging or boosting lead-acid batteries only. Do not use for charging dry cell batteries that are commonly used for home appliances.
- Do not charge or boost a frozen car battery.
- Do not allow the alligator clamps to touch each other or to touch a piece of metal at the same time.

#### **WARNING!**

**Do not connect the negative clamp to the negative battery terminal.**

**Do not expose this product to water or moisture.**

**Keep this product out of the reach of children.**

**Improper use of this product may result in the possibility of bodily injury such as burns or blindness.**

This unit has a sealed lead-acid battery that should be kept at full charge. Recharge when first received immediately after each use and every six months if not used. Failure to do this may cause the battery life to be reduced.

Can start petrol and diesel engines up to 1600 CC

## **6 FEATURES**

- Jump start
- 3 x12 V exits with overload protection
- Emergency light
- Compressor
- Battery check

## **7 CHARGING AND RECHARGING**

### **7.1 *Recharging – charging from the appropriate AC power source***

- Put the 'POWER' switch into the 'OFF' position and plug the AC adaptor into a power outlet. Then insert the plug at the end of the AC adapter into the 12V DC slot on the front of the power station. The battery can only be charged if the power switch is in the 'OFF' position.
- The charging indicator will light up to indicate that the battery is charging; the red indicator lamp of the 12V DC input will light up.
- When the switch is put in the test position (= POWER switch 'ON'), the indicators display the condition of the batteries. The red lamp of the 12V DC input will then go off and the battery will no longer be charged. (See battery condition indicators below.)

### **7.2 *DC charging (with a cigarette lighter adaptor)***

- Put the 'POWER' switch into the 'OFF' position and plug the AC adaptor into the cigarette lighter; make sure that the engine is running. Then insert the plug at the end of the AC adapter into the 12V DC slot on the front of the power station. The battery can only be charged if the power switch is in the 'OFF' position.
- The charging indicator will light up to indicate that the battery is charging; the red indicator lamp of the 12V DC input will light up.

- When the switch is put in the test position (= POWER switch 'ON'), the indicators display the condition of the batteries. The red lamp of the 12V DC input will then go off and the battery will no longer be charged. (See battery condition indicators below.)

#### **BATTERY CONDITION LIGHTS**

<b>1<sup>st</sup> green light</b>	Indicates that the battery is still in order and can charge
<b>1<sup>st</sup> green light + 2<sup>nd</sup> green light</b>	Sufficiently charged
<b>1<sup>st</sup> green light + yellow light</b>	Weak / needs charging
<b>2 groene lampjes + yellow light</b>	Weak / needs charging
<b>1<sup>st</sup> green light + red light</b>	Empty / needs charging



**Do not drive with power station while charging.**

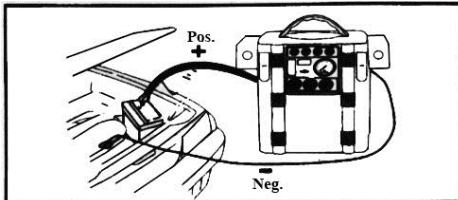
### **8 OPERATING INSTRUCTIONS**

#### **8.1 Jump start**



**Under no circumstances allow the red and black clamps to touch each other or a common conductor.**

- Switch off the engine of the vehicle or boat.
- Connect the black (-) alligator clamp to a non moving metal part of the engine. NOT to the black (-) negative battery terminal.
- Connect the red (+) alligator clamp to the red (+) positive battery terminal.
- Connecting to the negative battery terminal is an unsafe practice and increases the possibility of sparking near the batteries explosive gases.
- Now you can start your engine. As soon as your car is started disconnect the cables from your car in the reverse order.
- If your battery is so dead that your ignition light does not come on let the Power Station stay connected to your battery for 10-20 minutes prior to attempting to start your car.



#### **8.2 Compressor operation**



**DO NOT OVER INFLATE!**

- This air compressor is designed for light duty.
- Please allow the air compressor to cool if operating for more than 10 continuous minutes.
- This air compressor and any other electrical device should be kept away from all children.

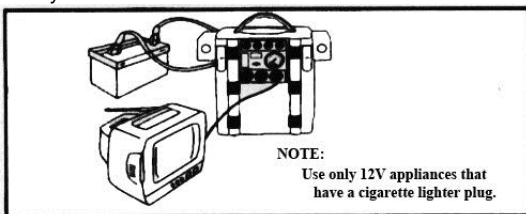
#### **OPERATING INSTRUCTIONS**

- Remove the air hose located in the compartment on the back of the unit.

- Connect air hose to item to be inflated and use included adaptors if needed.
- Move the handle in the air hose down to lock adaptor in place.
- Turn on air compressor unit via the switch located on the front of the Power Station.
- Hold the air hose in place and monitor the air pressure gauge on the air compressor unit for desired air pressure, once the desired air pressure is achieved turn off the air compressor unit via the switch located on the front of the unit.
- Disconnect the air hose from the item that has been inflated.
- Store the Power Station in a safe place.

### 8.3 Your power station as a power source

To use the Power Station as a power converter, connect booster cable outputs to the positive and negative terminals of your car battery. The power from this battery is then transferred to the Power Station outputs. Thus you can use the power from this external battery rather than from your Power Station.



### USED AS POWER SUPPLY FOR THREE 12V DC APPLIANCES

- You can use three 12V outlets at the same time.
- Connect your appliances to the outputs.

**NOTE: Do not attempt to jump start your car when you have 12 volt DC outlets in use.**

### 8.4 Emergency light

The built-in trouble light is turned on by the switch on the front of the unit.

### 8.5 Main unit fuse replacement

This unit requires the use of a 15 amp automotive fuse. To check the fuse :

- Removes the fuse from the front of the unit.
- Check the filament, if it is open replace with the spare fuse provided with your unit.
- Press the fuse into the fuse holder until it is tight.

## 9 TECHNICAL DATA

Peak/start power	900 Amp
Compressor	250 PSI / 17 Bar
Weight	5.2 kg
Exits	3x12 V (with overload protection)

## **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), 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.

## **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.



**12 DECLARATION OF CONFORMITY**



**varo**

**VARO N.V. – Vic. Van Rompuy N.V.** Joseph Van Instraat 9 – BE2500 Lier – Belgium,  
declares that,

Product:	Power station
Trade mark:	Powerplus
Model:	POWX410

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);  
2014/30/EU  
2011/65/EU

European harmonized standards (including, if applicable, their amendments up to the date of signature);

EN60335-1: 2012  
EN61000-6-1 : 2007  
EN61000-6-3 : 2007

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

The undersigned acts on behalf of the company CEO,

Ludo Mertens  
Regulatory Affairs – Compliance Manager  
13/10/2020, Lier - Belgium