

PBA 18V/36 P4A Art. 14902

PBA 18V/45 P4A Art. 14903

PBA 18V/72 P4A Art. 14905

EN Operator's Manual

System Battery

EN GARDENA System Battery **PBA 18V/36 P4A / PBA 18V/45 P4A /** **PBA 18V/72 P4A**

Translation of the original instructions.

Intended use:

The POWER FOR ALL System Battery is intended as a power supply for the relevant POWER FOR ALL System cordless products and is intended for use in private house and hobby gardens.

The product is not intended for long term use.

1. SAFETY




Read all the safety and general instructions.

Failure to observe the safety and general instructions may result in electric shock, fire and/or serious injury.

Keep all the safety information and general instructions for future reference.

- **These safety warnings apply only for lithium-ion batteries of the POWER FOR ALL system PBA 18V.**
- **Only use the battery with products of the POWER FOR ALL system manufacturers.**
This is the only way in which you can protect the battery against dangerous overload.
- **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.
- **The battery is supplied partially charged.**
To ensure full battery capacity, fully charge the battery in the charger before using your power tool for the first time.
- **Keep battery packs out of the reach of children.**
- **Do not open the battery.** There is a risk of short-circuiting.
- **In case of damage and improper use of the battery, 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.
- **If used incorrectly or if the battery is damaged, flammable liquid may be ejected from the battery. Contact with this liquid should be avoided. If contact accidentally occurs, rinse off with water. If the liquid comes into contact with your eyes, seek additional medical attention.** Liquid ejected from the battery may cause irritation or burns.

- **If the battery is damaged liquid can be ejected and cover nearby surfaces. Check affected parts.** Clean these parts or change them if necessary.
- **Do not short-circuit the battery pack. When the 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.
- **The battery 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.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.
-  **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.
- **Only operate and store the battery at an ambient temperature between $-20\text{ }^{\circ}\text{C}$ and $+50\text{ }^{\circ}\text{C}$.** Do not leave the battery in your car in the summer, for example. At temperatures of $<0\text{ }^{\circ}\text{C}$ some devices may experience a loss of power.
- **Only charge the battery at an ambient temperature which is between $0\text{ }^{\circ}\text{C}$ and $+45\text{ }^{\circ}\text{C}$.** Charging outside of this temperature range can increase the risk of damage to the battery and pose a fire hazard.

DANGER! Cardiac arrest! This product makes an electromagnetic field while it operates. This field may under some conditions interfere with active or passive medical implants. To decrease the risk of conditions that can possibly injure or kill, we recommend persons with medical implants to speak with their physician and the medical implant manufacturer before you operate the product.

DANGER! Risk of suffocation!

Small parts can be easily swallowed. There is also a risk that the polybag can suffocate toddlers. Keep toddlers away when you assemble the product.

2. INITIAL OPERATION

To charge the battery [Fig. 01/02]:

→ See operating manual of the **POWER FOR ALL System Product** or the **POWER FOR ALL System Charger**.

3. MAINTENANCE

To clean the battery:

→ Occasionally clean the ventilation slots and the terminals on the battery using a soft brush that is clean and dry.

4. STORAGE

To put into storage:

The product must be stored away from children.

1. Charge the battery.
2. Clean the battery (see 3. MAINTENANCE).
3. Store the battery in a dry, enclosed and frost-free place.

Disposal of the battery:



The GARDENA battery contains lithium-ion cells that should not be disposed of with normal household waste at the end of its life.

Li-ion

IMPORTANT!

→ Dispose of the batteries through or via your municipal recycling collection centre.

1. Discharge the lithium-ion cells completely (contact the GARDENA Service).
2. Protect the contacts on the lithium-ion cells against short circuits.
3. Dispose of the lithium-ion cells properly.

5. TECHNICAL DATA

System Battery	PBA 18V 2,0Ah W-B (Art. 14902)	PBA 18V 2,5Ah W-B (Art. 14903)	PBA 18V 4,0Ah W-C (Art. 14905)
Battery voltage	18 V (DC)	18 V (DC)	18 V (DC)
Battery capacity	2.0 Ah	2.5 Ah	4.0 Ah
Number of cells (Li-Ion)	5	5	10

Appropriate POWER FOR ALL system Battery Chargers:
AL 1810 CV/AL 1815 CV/AL 1830 CV/AL 1880 CV.

6. ACCESSORIES

GARDENA Battery Quick Charger AL 1830 CV P4A	Charger for fast charging the POWER FOR ALL System Batteries PBA 18V..W-..	Art. 14901
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7. SERVICE/WARRANTY

In the event of a warranty claim, no charge is levied to you for the services provided.

GARDENA Manufacturing GmbH grants a warranty for all original GARDENA new products for two years from the date of original purchase from the retailer, provided that the devices have been for private use only. This manufacturer's warranty does not apply to products acquired second hand. This warranty includes all significant defects of the product that can be proved to be material or manufacturing faults.

The manufacturer's warranty is governed by the law of the Federal Republic of Germany.

In case of a warranty claim, please return the faulty product, together with a copy of the receipt and a description of the fault, with postage paid to the service address.

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