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Gardena 14903-20

Gardena System Battery P4A PBA 18V/45 2.5 Ah User Manual

1. Introduction

Welcome to the user manual for your Gardena System Battery P4A PBA 18V/45 2.5 Ah. This document provides essential information for the safe and efficient use of your new battery. This 18V Lithium-Ion battery is designed to power various Gardena 18V POWER FOR ALL tools and is also compatible with other brands within the POWER FOR ALL ALLIANCE.



The Gardena System Battery P4A PBA 18V/45 2.5 Ah, a powerful 18V Lithium-Ion battery for garden tools.

2. Package Contents

Please check that all items are present upon unpacking:

- 1 x Gardena System Battery P4A PBA 18V/45 2.5 Ah



Contents of the Gardena System Battery package, including the battery and charger (charger sold separately in some kits).

3. Important Safety Information

Always observe the following safety precautions when using your battery:

- Read all instructions provided with the battery and the tool before use.
- Do not expose the battery to water, moisture, or extreme temperatures (above 45°C or below 0°C).
- Do not short-circuit the battery terminals.
- Keep the battery away from children and pets.
- Use only chargers specifically designed for Gardena 18V POWER FOR ALL batteries.
- Do not attempt to open, modify, or repair the battery.
- Dispose of depleted or damaged batteries responsibly according to local regulations. Do not dispose of in household waste.
- If the battery shows signs of damage, overheating, or leakage, discontinue use immediately.

4. Setup: Charging the Battery

The Gardena System Battery P4A PBA 18V/45 2.5 Ah utilizes Lithium-Ion technology, allowing for quick charging without memory effect.

Charging Procedure:

1. Connect the compatible Gardena charger (not included with all battery purchases) to a standard power outlet.
2. Insert the battery firmly into the charger. Ensure it clicks into place.
3. The charging indicator on the charger will illuminate, typically showing a red light during charging and a green light when fully charged. Refer to your charger's manual for specific indicator meanings.
4. Once fully charged, remove the battery from the charger.

A full charge for the 2.5 Ah battery typically takes approximately 60 minutes with a standard Gardena charger.



The Gardena System Battery P4A PBA 18V/45 2.5 Ah and its charger, ready for connection to a power source.

5. Operating Instructions

Inserting the Battery into a Tool:

To insert the battery into a compatible Gardena 18V POWER FOR ALL tool:

1. Ensure the power tool is switched off and disconnected from any power source (if applicable).
2. Align the battery with the battery compartment of the tool.
3. Slide the battery firmly into place until it clicks securely.

Removing the Battery from a Tool:

To remove the battery from a tool:

1. Ensure the power tool is switched off.
2. Press the release button(s) on the battery.
3. Slide the battery out of the compartment.

This battery is compatible with all GARDENA 18V POWER FOR ALL tools and numerous other tools from participating brands of the POWER FOR ALL ALLIANCE, offering versatile use across your home and garden equipment.



A person demonstrating the insertion of the Gardena System Battery into a compatible garden tool handle.



The Gardena System Battery featuring the POWER FOR ALL ALLIANCE logo, highlighting its broad compatibility with various brands.

6. Maintenance and Storage

Cleaning:

Keep the battery clean and dry. Use a soft, dry cloth to wipe off any dust or debris. Do not use liquids, solvents, or

abrasive cleaners, as these can damage the battery casing or internal components.

Storage:

Store the battery in a cool, dry place, away from direct sunlight, heat sources, and extreme temperatures. For long-term storage, it is recommended to store the battery at approximately 50% charge (2-3 indicator bars). Fully charged or fully discharged batteries can degrade faster during prolonged storage.

Battery Life:

The Lithium-Ion cells are designed for a long battery life. To maximize its lifespan, avoid fully discharging the battery before recharging. Regular partial charges are generally better than deep discharge cycles for Lithium-Ion batteries.

7. Troubleshooting

If you encounter issues with your Gardena System Battery, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in, faulty power outlet, battery not inserted correctly into charger, faulty charger.	Check power connections, try another outlet, re-insert battery firmly, try a different compatible charger if available.
Tool not operating with battery	Battery not charged, battery not inserted correctly into tool, tool fault, battery fault.	Ensure battery is fully charged, re-insert battery firmly into tool, test battery with another compatible tool, consult the tool's manual.
Reduced run time or power	Battery aging, operating in extreme temperatures, heavy load on the tool.	Battery capacity naturally decreases over time; consider replacement. Operate tools within recommended temperature ranges. Reduce load on the tool if possible.
Battery or charger feels hot during charging/use	Normal operation (some heat is expected), excessive load, faulty battery/charger.	A slight warmth is normal. If it's excessively hot, discontinue use immediately and allow to cool. Ensure proper ventilation. If problem persists, contact support.

8. Technical Specifications

Feature	Detail
Model Number	14903-20
Battery Type	Lithium-Ion
Voltage	18V
Capacity	2.5 Ah
Item Weight	12.7 ounces (approx. 360 grams)
Product Dimensions	4.33 x 3.15 x 1.77 inches (approx. 11 x 8 x 4.5 cm)

Feature	Detail
Charging Time	Approx. 60 minutes (with compatible charger)
Compatibility	Gardena 18V POWER FOR ALL tools, POWER FOR ALL ALLIANCE brands

9. Warranty and Support

Warranty Information:

Gardena provides a manufacturer's warranty for this product. Please refer to the official Gardena website or your purchase documentation for specific warranty terms and conditions, as these may vary by region and retailer.

Customer Support:

For technical assistance, spare parts, or further inquiries regarding your Gardena System Battery, please visit the official Gardena website or contact their customer service department. Contact details can typically be found on the Gardena website or in your product packaging.

Official Gardena Website: www.gardena.com

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