

Black+Decker GWC1820PC

BLACK+DECKER GWC1820PC 18V PowerCommand Cordless Leaf Blower User Manual

1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **General Power Tool Safety:** Keep work area clean and well lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, hearing protection, and appropriate clothing. Do not overreach. Maintain proper footing and balance at all times.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts.

2. PRODUCT OVERVIEW

The BLACK+DECKER GWC1820PC is an 18V cordless leaf blower designed for efficient clearing of leaves and debris from gardens, patios, and driveways. It features PowerCommand Boost technology for increased air speed when needed and two adjustable speed settings for optimal runtime or maximum power.

Key Features:

- **PowerCommand Boost Technology:** Delivers up to 209 km/h air speed for demanding tasks.
- **Two Adjustable Speeds:** ECO mode for extended runtime (up to 27 minutes) and BOOST mode for maximum power (up to 16 minutes).
- **Optimal Airflow Design:** Engineered for efficient clearing of leaves and debris.
- **Ergonomic and Lightweight Design:** Weighs only 1.7 kg with an ergonomic handle for comfortable use.



3. COMPONENTS INCLUDED

The package typically includes the following items:

- BLACK+DECKER GWC1820PC PowerCommand Boost Leaf Blower
- 18V 2.0Ah Lithium-ion Battery
- Battery Charger
- Blower Tube

4. ASSEMBLY AND SETUP

4.1 Attaching the Blower Tube

1. Align the blower tube with the air outlet on the main unit.
2. Push the tube firmly onto the outlet until it clicks into place, ensuring it is securely fastened.

4.2 Inserting and Removing the Battery

Ensure the battery is fully charged before first use.

- **To Insert:** Slide the battery pack into the battery port on the handle until it locks securely.
- **To Remove:** Press the battery release button (if present) and slide the battery pack out of the tool.



Figure 4.1: Inserting the 18V Lithium-ion battery into the blower.

5. OPERATION

5.1 Charging the Battery

Connect the charger to a power outlet and insert the battery pack. The indicator light on the charger will show the charging status. Refer to the charger's manual for specific charging times and indicators.

5.2 Powering On/Off and Speed Selection

1. Ensure the battery is fully inserted.
2. To turn on the blower, press the main power switch. The blower will start in ECO mode for optimal runtime.
3. To activate BOOST mode for maximum power (up to 209 km/h), press and hold the PowerCommand Boost button located on the handle. Release the button to return to ECO mode.
4. To turn off the blower, release the main power switch.



Figure 5.1: Operating the PowerCommand Boost button for increased air speed.

5.3 Usage Tips

- For best results, use the blower on dry leaves and debris. Wet leaves are heavier and more difficult to move.
- Work in sections, blowing debris into piles for easier collection.
- Avoid blowing debris towards people, animals, or open windows.
- Monitor battery life and recharge as needed.



Figure 5.2: User operating the leaf blower to clear a pile of dry leaves.



Figure 5.3: Clearing leaves from a paved surface with the leaf blower.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool.

6.1 Cleaning

- Always remove the battery pack before cleaning.
- Wipe the exterior of the blower with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the air intake and outlet are free from debris to prevent overheating.

6.2 Battery Care and Storage

- Store the battery pack in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% capacity.
- Do not store the battery pack connected to the tool.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-----------------------|---|--|
| Blower does not start | Battery not inserted correctly Battery discharged Power switch faulty | Ensure battery is fully clicked in Charge the battery Contact customer support |
| Reduced air speed | Battery low Air intake/outlet blocked Not in BOOST mode | Recharge battery Clear any obstructions Press PowerCommand Boost button |
| Short battery runtime | Battery not fully charged Operating continuously in BOOST mode Old/worn battery | Ensure full charge Use ECO mode when possible Consider replacing battery |

8. SPECIFICATIONS

| Specification | Value |
|------------------------|--|
| Brand | Black+Decker |
| Model Number | GWC1820PC |
| Voltage | 18 Volts |
| Power Source | Battery Powered |
| Battery Type | Lithium-ion 2.0Ah |
| Max Air Speed (BOOST) | 209 km/h |
| Runtime (ECO mode) | Up to 27 minutes |
| Runtime (BOOST mode) | Up to 16 minutes |
| Weight | 1.7 kg (without battery) / 2 kg (with battery) |
| Dimensions (L x W x H) | 48 cm x 17 cm x 20 cm |
| Noise Level | 89 Decibels |

9. WARRANTY AND SUPPORT

BLACK+DECKER products are manufactured to high quality standards and are guaranteed for a period of 2 years from the date of purchase against faulty materials or workmanship. This guarantee does not affect your statutory rights. For detailed warranty information, service, or technical support, please refer to the official BLACK+DECKER website or contact their customer service department in your region. Keep your proof of purchase for warranty claims.