

[manuals.plus](#) /› [BLACK+DECKER](#) /› [BLACK+DECKER LSW221 20V MAX Cordless Leaf Blower Instruction Manual](#)**BLACK+DECKER LSW221**

# BLACK+DECKER LSW221 20V MAX Cordless Leaf Blower Instruction Manual

## 1. PRODUCT OVERVIEW

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The BLACK+DECKER LSW221 is a lightweight, battery-operated cordless leaf blower designed for clearing debris from hard surfaces. It features a 20V MAX\* Lithium Ion 1.5Ah battery, offering portability and ease of use for various outdoor cleaning tasks.

- **Air Speed:** Up to 130 MPH for efficient debris clearing.
- **Weight:** Approximately 3.7 lbs, ensuring comfortable handling.
- **Noise Level:** Designed for quiet operation at 61 Decibels.
- **Battery:** 20V MAX\* Lithium Ion 1.5Ah battery, capable of holding a charge for up to 18 months.
- **System Compatibility:** Part of the 20V MAX\* System, allowing battery interchangeability with other compatible tools.

## 20V MAX\* lithium Ion Battery

Holds a charge up to 18 hours.

## Lightweight Design

(3.7 lbs.)

## Easily Clears Debris

From hard surfaces.



\*Maximum initial battery voltage (measured without a workload) is 20 volts  
Nominal voltage is 18 volts.

Figure 1: BLACK+DECKER LSW221 Cordless Leaf Blower highlighting its 20V MAX\* lithium-ion battery, lightweight design (3.7 lbs), and ability to easily clear debris from hard surfaces.

## 2. IMPORTANT SAFETY INFORMATION

Always observe basic safety precautions when using this product to reduce the risk of fire, electric shock, and personal injury. Read and understand all instructions before operation.

- **Eye Protection:** Always wear safety glasses or eye protection when operating the blower.
- **Hearing Protection:** Use hearing protection during extended operation.
- **Secure Grip:** Maintain a firm grip on the blower handle during use.
- **Clear Area:** Keep children, bystanders, and pets at a safe distance from the operating area.
- **Inspect Before Use:** Check for loose parts, damage, or any condition that may affect safe operation.
- **Battery Safety:** Use only the specified battery and charger. Do not expose the battery to water or extreme temperatures.
- **Proper Ventilation:** Charge batteries in a well-ventilated area.

## 3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- BLACK+DECKER LSW221 Cordless Leaf Blower Unit
- Blower Tube
- 20V MAX\* Lithium Ion 1.5Ah Battery
- Battery Charger
- Instruction Manual





Figure 2: The main BLACK+DECKER LSW221 Cordless Leaf Blower unit with its attached blower tube.

## 4. ASSEMBLY

The BLACK+DECKER LSW221 requires minimal assembly. Follow these steps to prepare your blower for use:

- 1. Attach the Blower Tube:** Align the blower tube with the main unit's air outlet. Push the tube firmly until it clicks into place. Ensure the tab on the tube aligns with the slot on the blower unit for a secure fit.
- 2. Install the Battery:** Slide the 20V MAX\* Lithium Ion battery into the battery compartment at the base of the handle until it locks securely.



Figure 3: A user assembling the blower tube to the main unit of the BLACK+DECKER LSW221 Cordless Leaf Blower.

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Video 1: Official demonstration of the BLACK+DECKER 20V Max Sweeper Leaf Blower (LSW221), showing its assembly and basic features.

## 5. CHARGING THE BATTERY

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Before first use, fully charge the battery. The charger is designed to charge the 20V MAX\* Lithium Ion battery.

1. Plug the battery charger into a standard electrical outlet.
2. Slide the battery pack onto the charger. Ensure it is fully seated.
3. The indicator light on the charger will show the charging status (refer to charger manual for specific light patterns).
4. Once fully charged, remove the battery from the charger.

## 6. OPERATING INSTRUCTIONS

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With the battery charged and installed, your BLACK+DECKER LSW221 is ready for operation.

1. **Starting the Blower:** Push the ON/OFF switch located on the handle to the 'ON' (I) position.
2. **Stopping the Blower:** Push the ON/OFF switch to the 'OFF' (O) position.
3. **Clearing Debris:** Direct the blower tube towards the debris on hard surfaces such as driveways, sidewalks, decks, and garages. Use a sweeping motion to gather debris into piles for easy disposal.
4. **Optimal Use:** This blower is ideal for light to medium debris. For heavy, wet leaves or large areas, multiple passes or alternative tools may be required.



Figure 4: A user demonstrating the easy debris clearing capability of the BLACK+DECKER LSW221 Cordless Leaf Blower on a driveway.



Figure 5: The BLACK+DECKER LSW221 Cordless Leaf Blower in use, highlighting its quiet operation suitable for residential areas.

## 7. MAINTENANCE

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

- **Cleaning:** Keep the air vents clean and free of debris to prevent overheating. Use a soft, damp cloth to clean the exterior. Do not use harsh chemicals.
- **Battery Care:** Store the battery in a cool, dry place away from direct sunlight. For long-term storage, ensure the battery is partially charged.
- **Storage:** Store the blower in a dry, secure location, out of reach of children.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Blower does not start	Battery not charged or improperly installed	Ensure battery is fully charged and correctly seated in the unit.

Problem	Possible Cause	Solution
Low air output	Air vents blocked or blower tube loose	Clear any obstructions from air vents. Re-attach blower tube securely.
Blower stops during operation	Battery charge depleted or overheating	Recharge the battery. Allow the unit to cool down if overheating is suspected.

## 9. SPECIFICATIONS

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- **Model:** LSW221
- **Brand:** BLACK+DECKER
- **Voltage:** 20V MAX\*
- **Air Speed:** 130 MPH
- **Item Weight:** 3.7 lbs
- **Power Source:** Battery-Powered (Lithium Ion)
- **Noise Level:** 61 Decibels
- **Form Factor:** Handheld

## 10. WARRANTY AND SUPPORT

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This BLACK+DECKER LSW221 Cordless Leaf Blower is covered by a **2-Year Limited Warranty**. Additionally, a **30-Day Money-Back Guarantee** is offered. For warranty claims, technical support, or replacement parts, please refer to the contact information provided in your product's user guide or visit the official BLACK+DECKER website.