

PowerSmart PS76101B-VC

PowerSmart 20V Cordless Leaf Blower Instruction Manual

Model: PS76101B-VC

1. SAFETY INFORMATION

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.

- **Personal Safety:** Always wear eye protection. Wear long pants, long sleeves, and sturdy footwear. Do not operate the blower barefoot or in sandals.
- **Electrical Safety:** Use only the specified battery pack and charger. Do not use the appliance in rain or wet conditions.
- **Work Area Safety:** Keep children, bystanders, and pets away while operating the blower. Clear the work area of objects that could be thrown by the air stream.
- **Battery Safety:** Do not incinerate the battery pack even if it is severely damaged or completely worn out. The battery pack can explode in a fire.

2. PRODUCT OVERVIEW

The PowerSmart 20V Cordless Leaf Blower is designed for efficient clearing of leaves and debris from various outdoor surfaces. It combines portability with powerful performance.

2.1 Components

- Blower Unit
- Blower Tube (two sections for extended reach)
- 2.0Ah Lithium-Ion Battery
- Battery Charger

2.2 Key Features

- **Powerful Motor:** Delivers up to 150 MPH air speed with 9000/15000 RPM for effective debris clearing.
- **Lightweight Design:** Weighs only 3.3 lbs, allowing for comfortable one-handed operation.
- **Extended Reach:** Upgraded double-length 35-inch tube for accessing hard-to-reach areas

without bending.

- **Variable Speed Control:** Features a variable-speed trigger switch for adjusting airflow as needed.
- **Low Noise Operation:** Designed to operate at less than 65 dB, minimizing disturbance.
- **Quick Charge Battery:** The included 2.0Ah battery fully charges in approximately 1.5 hours, providing up to 15 minutes of maximum power operation.



Figure 1: PowerSmart 20V Cordless Leaf Blower, including the main unit, two-piece blower tube, 2.0Ah battery, and charger.



Figure 2: Overview of the blower's features, highlighting the powerful air speed, variable speed trigger, ergonomic handle, and the 2.0Ah battery and charger.

3. SETUP

3.1 Assembly

1. Align the two sections of the blower tube. Push them together until they click securely into place.
2. Attach the assembled blower tube to the main blower unit. Ensure it is firmly connected.

UPGRADED DOUBLE TUBE

35" Reach Every Corner Easily



Figure 3: The upgraded double tube design, showing how the two sections connect for extended reach.

3.2 Battery Charging and Installation

1. Connect the battery charger to a standard electrical outlet. The indicator light on the charger will illuminate.
2. Slide the 2.0Ah Lithium-Ion battery onto the charger. Ensure it is seated correctly. The indicator light will change to show charging status.
3. Allow approximately 1.5 hours for a full charge. Once charged, remove the battery from the charger.
4. To install the battery into the blower, align the battery with the battery slot on the blower handle and slide it in until it clicks into place.

Video 1: This video demonstrates the process of charging the 2.0Ah battery and installing it into the PowerSmart 20V Cordless Leaf Blower.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off and Speed Control

1. To turn the blower ON, press the power button located on the handle.

2. To adjust the speed, use the variable-speed trigger switch. The blower offers two speed levels: a lower speed (70 MPH) for lighter tasks and a higher speed (150 MPH) for more demanding jobs.
3. To turn the blower OFF, press the power button again.



Figure 4: The control panel showing the power button and the two-speed selection for high (150 MPH) and low (70 MPH) operation.

4.2 Usage Tips

- Start with the lower speed for light debris and switch to higher speed for stubborn leaves or wet areas.
- Sweep from side to side, moving debris into piles for easier collection.
- Utilize the extended tube to reach under bushes, into gutters, or other tight spaces.
- The blower is also suitable for drying surfaces, such as vehicles after washing, to prevent water spots.

Video 2: This official PowerSmart video demonstrates the 20V Cordless Leaf Blower in action, showcasing its effectiveness in clearing various types of debris.

Video 3: A demonstration of the Powerful Cordless Leaf Blower, highlighting its performance in different outdoor cleaning scenarios.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your PowerSmart Leaf Blower.

- **Cleaning:** After each use, wipe down the exterior of the blower with a clean, damp cloth. Remove any debris from the air intake and exhaust vents.
- **Battery Care:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. Do not store the battery in a discharged state for extended periods.
- **Storage:** Store the blower in a dry, secure location, out of reach of children. The two-piece tube can be disassembled for compact storage.

6. TROUBLESHOOTING

If you encounter issues with your PowerSmart Leaf Blower, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Blower does not start	Battery not installed correctly Battery is discharged	Ensure battery is clicked into place Charge the battery fully
Low air output	Air intake/exhaust blocked Battery low on charge	Clear any obstructions Charge the battery fully
Battery not charging	Charger not plugged in Faulty battery/charger	Ensure charger is securely plugged in Contact customer support for replacement

7. SPECIFICATIONS

- **Brand:** PowerSmart
- **Model Name:** PS76101B-VC
- **Power Source:** Battery Powered
- **Voltage:** 20 Volts
- **Air Speed:** Up to 150 Miles per Hour
- **No-Load Speed:** 9000/15000 RPM
- **Item Weight:** 3.3 Pounds
- **Noise Level:** <65 Decibels
- **Product Dimensions:** 7"L x 7"W x 16"H
- **Material:** Plastic
- **UPC:** 840432706688

ADVANCED POWERFUL MOTOR

UP TO **15000 RPM**



150
MPH



15000
RPM



180
CMF



Figure 5: Illustration detailing the advanced powerful motor, highlighting its 150 MPH air speed, 15000 RPM, and 180 CMF.

LIGHTWEIGHT DESIGN

One-Handed Operation

3.3  **LBS**








Figure 6: Demonstrates the lightweight design of the blower, weighing only 3.3 lbs, making it easy for one-handed operation.

8. WARRANTY AND SUPPORT

The PowerSmart 20V Cordless Leaf Blower comes with a **2-Year Limited Warranty**.

PowerSmart maintains over 500 certified repair centers across the U.S. and provides full replacement parts through its Illinois headquarters. For any questions or assistance, please do not hesitate to contact PowerSmart customer support.

Contact Information: [Visit the PowerSmart Store on Amazon](#)

	<p>PowerSmart HB2801B/80V Cordless Snow Blower Instruction Manual</p> <p>This instruction manual provides essential information for the safe operation, maintenance, and troubleshooting of the PowerSmart HB2801B/80V Cordless Snow Blower. Learn how to use your snow blower effectively and safely.</p>
	<p>PowerSmart DB2805RB/80V 24-inch Cordless Snow Blower Instruction Manual</p> <p>This instruction manual provides detailed information on the safe operation, maintenance, and troubleshooting of the PowerSmart DB2805RB/80V 24-inch Cordless Snow Blower. Includes technical data, safety guidelines, and parts list.</p>
	<p>PowerSmart HB2805A/80V 24-inch Cordless Snow Blower Instruction Manual</p> <p>This comprehensive instruction manual provides essential guidance for the safe operation, maintenance, and troubleshooting of the PowerSmart HB2805A/80V 24-inch Cordless Snow Blower. Learn about safety features, operating procedures, and care instructions.</p>
	<p>PowerSmart HB2802A/80V 21-inch Cordless Snow Blower Instruction Manual</p> <p>Comprehensive instruction manual for the PowerSmart HB2802A/80V 21-inch cordless snow blower. Covers safe operation, maintenance, technical specifications, troubleshooting, and warranty.</p>
	<p>PowerSmart 80V 24-inch Cordless Snow Blower Instruction Manual</p> <p>This instruction manual provides essential information for the safe operation, maintenance, and troubleshooting of the PowerSmart 80V 24-inch Cordless Snow Blower (Model # HB2805A/80V).</p>



INSTRUCTION MANUAL

EN 80V 21 inch Cordless Snow Blower

EN 80V 21 inch Cordless Snow Blower

EN 80V 21 inch Cordless Snow Blower

Model: DB2801RB



[PowerSmart DB2801RB 80V 21-inch Cordless Snow Blower Instruction Manual](#)

Get detailed instructions for safe operation, assembly, and maintenance of the PowerSmart DB2801RB 80V 21-inch Cordless Snow Blower. Includes troubleshooting and warranty information.