

BLACK+DECKER BSV2020P

BLACK+DECKER Powerseries Extreme Pet 20V MAX Cordless Stick Vacuum (BSV2020P) Instruction Manual

Model: BSV2020P

PRODUCT OVERVIEW

The BLACK+DECKER Powerseries Extreme Pet 20V MAX Cordless Stick Vacuum (BSV2020P) is engineered for efficient cleaning in homes with pets. It features a 3X Cleaning System designed for multi-surface cleanup, diverse debris pickup, and an anti-tangle brush bar. This cordless vacuum offers versatile cleaning solutions for various floor types and hard-to-reach areas.

Key features include:

- **3X Cleaning System:** Designed for multi-surface cleaning, multi-debris pickup, and an anti-tangle brush bar.
- **Pet Hair Specific Design:** Patented brush bar with rubber bristles effectively removes pet hair and stubborn dirt.
- **Front-Facing Dustbin:** Provides quick access for emptying and allows the vacuum to lay flat for cleaning under furniture.
- **Twist-to-Clean Filter:** Built-in filter cleaner helps maintain up to twice the suction power.
- **3-Speed Control:** Adjust power for hard floors, area rugs, and carpets.
- **Removable 20V MAX Battery:** Offers up to 55 minutes of runtime and can be charged in or out of the vacuum.
- **Removable Floorhead:** Allows direct attachment of accessories to the main handle for versatile cleaning.
- **Self-Standing Design:** Conveniently stands upright without support.
- **Converts to Hand Vacuum:** Ideal for cleaning stairs, furniture, and tight spaces.

WHAT'S INCLUDED

What's Included:



**Filter &
Pre-Filter**



**20V MAX*
POWERCONNECT™
2.0Ah Battery**



**3in1 Multi-Way
Charger
& Wall Mount**



**Crevice Tool
With Flip-Out Brush**



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

Image: The BLACK+DECKER Powerseries Extreme Pet 20V MAX Cordless Stick Vacuum with its included accessories: filter and pre-filter, 20V MAX POWERCONNECT 2.0Ah battery, 3-in-1 multi-way charger & wall mount, and crevice tool with flip-out brush.

Your BLACK+DECKER Powerseries Extreme Pet 20V MAX Cordless Stick Vacuum package includes:

- Main Vacuum Unit (BSV2020P)
- Floorhead with Anti-Tangle Brush Bar
- 20V MAX POWERCONNECT 2.0Ah Lithium-Ion Battery
- 3-in-1 Multi-Way Charger & Wall Mount
- Filter & Pre-Filter
- Crevice Tool with Flip-Out Brush

SETUP

1. Assembly

The vacuum is designed for easy assembly. Simply connect the main vacuum unit to the extension wand, and then attach the floorhead. Ensure all connections click securely into place.

2. Charging the Battery

Important Charging Notes

- Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 65 °F and 75 °F (18 ° – 24 °C). DO NOT charge the battery pack in an air temperature below +40 °F (+4.5 °C), or above +104 °F (+40 °C). This is important and will prevent serious damage to the battery pack.
- The charger and battery pack may become warm to the touch while charging. This is a normal condition, and does not indicate a problem. To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed or an uninsulated trailer.
- If the battery pack does not charge properly:
 - Check operation of receptacle by plugging in a lamp or other appliance;
 - Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights;
 - Move the charger and battery pack to a location where the surrounding air temperature is approximately 65 °F – 75 °F (18 ° – 24 °C);
 - If charging problems persist, take the tool, battery pack and charger to your local service center.
- The battery pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. DO NOT CONTINUE to use under these conditions. Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse effect on the battery pack.
- Foreign materials of a conductive nature such as, but not limited to, grinding dust, metal chips, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug the charger before attempting to clean.
- Do not freeze or immerse the charger in water or any other liquid.

Troubleshooting

If the product does not work, check the following:

- The charger was correctly plugged in for recharge. (It feels slightly warm to the touch.)
- The charger cord is not damaged and is correctly attached.
- The charger is plugged into a working electrical outlet.

If vacuum performance is poor, check the following:

- Clean the filters. (See *Cleaning and Emptying the vacuum* section.)
- Empty the dust canister. (See *Cleaning and Emptying the vacuum* section.)
- Clean the rotary brushes. (See *Removing and Cleaning the rotary brushes* section.)
- The LED flashes continuously, plug in the charger and perform a recharge cycle

For assistance with your product, visit our website www.blackanddecker.com for the location of the service center nearest you or call the BLACK+DECKER help line at 1-800-544-6986.

TROUBLE SHOOTING

Problem	Possible Cause	Possible Solution
• Unit will not start.	• Battery pack not charged.	• Check battery pack charging requirements.
• Battery pack will not charge	• Charger not plugged in.	• Plug charger into a working outlet. Refer to <i>Important Charging Notes</i> for more details.
	• Surrounding air temperature too hot or too cold	• Move charger and battery pack to a 39 degrees F (4 °C) or below 104 degrees F (+40 °C)

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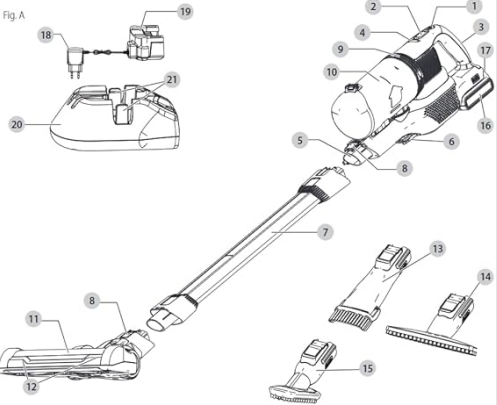


Image: A person inserting the removable 20V MAX battery into the charging dock.

The 20V MAX Lithium-Ion battery can be charged either while installed in the vacuum or separately. Use the provided 3-in-1 multi-way charger. A full charge takes approximately 55 minutes. The battery features an indicator to show the charge level.

Important Charging Notes:

- Always charge the battery in a dry area between 40°F (4.5°C) and 104°F (40°C).
- Do not charge the battery pack in an air temperature below 40°F (4.5°C) or above 104°F (40°C).
- The charger and battery pack may become warm to the touch while charging. This is normal.
- If the battery pack does not charge properly, check the receptacle by plugging in a lamp or other appliance.
- If the charger cord is damaged, do not use it.

OPERATING INSTRUCTIONS

1. Powering On/Off and Speed Control



Converts to a Hand Vacuum

Image: A close-up view of the vacuum's handle showing the power button and the 3-speed control buttons.

Press the power button to turn the vacuum on or off. Use the 3-speed control buttons to select the appropriate power level for your cleaning task:

- **Low Speed:** Ideal for hard floors and light debris, maximizing runtime.
- **Medium Speed:** Suitable for area rugs and general cleaning.
- **High Speed (Turbo):** Provides maximum suction for deep cleaning carpets and stubborn dirt.

2. Using as a Stick Vacuum



Multi-Surface, Multi-Debris Pick Up

Image: The stick vacuum in action, cleaning a carpeted floor with its integrated LED lights illuminating the path.

The angled floorhead and anti-tangle brush bar are designed to clean multiple surfaces, from hard floors to area rugs and carpets. The V-shaped bristle pattern efficiently picks up messes of various sizes, including pet hair, dust, and crumbs. Integrated LED lights on the floorhead illuminate the cleaning path, making dirt and debris visible even in dimly lit areas.

3. Converting to a Hand Vacuum



Twist-to-Clean Filter

Image: A person using the vacuum in handheld mode with the crevice tool to clean a couch cushion, demonstrating its versatility.

To convert to a hand vacuum, detach the main unit from the extension wand. You can then attach the crevice tool with a flip-out brush directly to the main unit for cleaning stairs, furniture, car interiors, and other hard-to-reach areas.

MAINTENANCE

1. Emptying the Dustbin



Removable Battery for convenient charging

Image: A person holding the vacuum's dustbin over a trash can, demonstrating the one-touch emptying feature.

The front-facing dustbin allows for quick and easy emptying with a single touch. Regularly empty the dustbin to maintain optimal suction power.

2. Cleaning the Filter





Image: A close-up of the vacuum's dustbin showing the twist-to-clean filter, which helps to clear debris from the filter.

The vacuum features a built-in twist-to-clean filter that helps remove dust and debris between washes. For thorough cleaning, the filter is washable. Remove the filter, rinse it with water, and allow it to dry completely for 24 hours before reassembling. This ensures optimal performance and prevents potential issues.

3. Cleaning the Brush Bar

The patented anti-tangle brush bar with rubber bristles is designed to minimize hair wrap. Periodically inspect and clean the brush bar to remove any accumulated hair or debris, ensuring maximum suction power.

TROUBLESHOOTING

Problem	Possible Cause	Possible Solution
Unit will not start.	Battery pack not charged.	Check battery pack charging requirements.
Battery pack will not charge.	Charger not plugged in.	Plug charger into a working outlet. Refer to Important Charging Notes for more details.
	Surrounding air temperature too hot or too cold.	Move charger and battery pack to a 39 degrees F (4°C) or below 104 degrees F (40°C).
If vacuum performance is poor, check the following:	Clean the filters.	Refer to Cleaning and Emptying the vacuum section .
	Empty the dust canister.	Refer to Cleaning and Emptying the vacuum section .
	Clean the rotary brushes.	Refer to Removing and Cleaning the rotary brushes section .
	The LED flashes continuously, plug in the charger and perform a recharge cycle.	

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SPECIFICATIONS

Feature	Detail
Brand	BLACK+DECKER
Model Name	BSV2020P
Special Feature	Washable Filter
Filter Type	Washable Filter
Included Components	Accessory Kit, Charging Dock, Crevice Tool, Side Brushes
Is Cordless?	Yes

Feature	Detail
Capacity	75 Liters (Note: Product description states front-facing dustbin, this capacity might refer to a different metric or be an error in source data, user should refer to actual product for dustbin capacity)
Wattage	40 watts
Charging Time	55 minutes
Recommended Uses	Carpet, Hard Floor, Rug
Form Factor	Stick
Color	Purple
Product Dimensions	8"L x 10.75"W x 45.5"H
Battery Description	Lithium-Ion
Amperage	20 Amps
Battery Life	Up to 55 minutes
Number of Speeds	3
Item Weight	5 pounds

WARRANTY & SUPPORT

This BLACK+DECKER product comes with a**2-year limited warranty**.

For further assistance, product registration, or to find service centers, please visit the official BLACK+DECKER website at www.blackanddecker.com or contact their customer support helpline at 1-800-544-6986.

OFFICIAL PRODUCT VIDEOS

BLACK+DECKER Powerseries Max Cordless Vacuum

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Video: An overview of the BLACK+DECKER Powerseries Max Cordless Vacuum, highlighting its features and ease of use. This video demonstrates the vacuum's design and functionality.

Cordless vacuum pet by Black & Decker very impressed

Your browser does not support the video tag.

Video: A user review showcasing the BLACK+DECKER cordless pet vacuum, expressing satisfaction with its performance and features for pet hair cleanup.

All About This Awesome Vacuum!

Your browser does not support the video tag.

Video: A detailed review covering various aspects of the BLACK+DECKER vacuum, including its features, benefits, and overall user

experience.

Great Handheld Stick Vac for Hard Floors!

Your browser does not support the video tag.

Video: A demonstration of the BLACK+DECKER stick vacuum's effectiveness as a handheld unit, particularly on hard floor surfaces.

