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› BLACK+DECKER POWERSERIES+ 20V MAX Cordless Vacuum Cleaner User Manual

BLACK+DECKER BHFEA18D1

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Model: BHFEA18D1 | Brand: BLACK+DECKER

PRODUCT OVERVIEW

The BLACK+DECKER POWERSERIES+ 20V MAX Cordless Stick Vacuum Cleaner is designed for efficient household cleaning. It features up to 25% more pickup on carpet and offers up to 44 minutes of runtime. Equipped with AUTONSENSE technology, it automatically adjusts suction power based on floor type, optimizing battery life. The cyclonic filtration system helps maintain filter cleanliness for consistent performance. Its anti-tangle brush bar and LED floorhead lights enhance cleaning visibility and ease. This versatile vacuum can be converted into a handheld device with a crevice tool for cleaning stairs and furniture. Its self-standing design provides convenient storage.

WHAT'S INCLUDED



Image: The BLACK+DECKER POWERSERIES+ 20V MAX Cordless Vacuum Cleaner shown with its main components: the stick vacuum, battery, charger, and crevice tool.

- (1) BHFEA18D1 Stick Vacuum
- (1) Cup Charger (LCS1620B)
- (1) Powerconnect 20V 2.0AH Battery (LXBR2020)
- (1) Wall Mount

- Crevice Tool

SETUP GUIDE

1. Charging the Battery

Before first use, fully charge the Powerconnect 20V 2.0AH Battery (LXBR2020) using the provided Cup Charger (LCS1620B). A full charge typically takes 44 minutes. Ensure the battery is securely inserted into the charger.



**Compatible With
Any POWERCONNECT™ 20V MAX*
lithium-ion interchangeable**

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

Image: The POWERCONNECT 20V MAX battery being inserted into the vacuum, highlighting its compatibility with other BLACK+DECKER tools.

2. Assembling the Vacuum

To assemble the stick vacuum, align the handheld unit with the extension wand and push firmly until it clicks into place. Then, attach the floorhead to the bottom of the extension wand, ensuring it is securely connected. The vacuum is designed for easy, tool-free assembly.



Image: An exploded view of the vacuum components alongside the fully assembled unit, illustrating how the parts fit together.

OPERATING INSTRUCTIONS

Powering On/Off and Suction Settings

Press the power button located on the handle to turn the vacuum on or off. The vacuum features multiple suction settings, indicated by LED lights, allowing you to adjust power for different cleaning tasks. Press the suction control button to cycle through the available power levels.

Handheld Mode

To convert to handheld mode, press the release button near the top of the extension wand and detach the main unit. This mode is ideal for cleaning furniture, car interiors, or small spills. Attach the crevice tool for reaching tight spaces.



Image: A user demonstrating the handheld functionality of the vacuum, cleaning debris from a wooden table surface.

Stick Vacuum Mode

For floor cleaning, ensure the handheld unit, extension wand, and floorhead are securely assembled. The vacuum's lightweight design and lay-flat maneuverability make it easy to clean under furniture.



Up to 44 Minutes of Runtime***

***Per charge, measured in hand vac mode on low power setting with no attachments using a 2.0Ah battery.

Image: A man operating the stick vacuum on a tiled floor, effectively cleaning up scattered dirt and debris.

LED Floor Lights

The integrated LED floor lights illuminate your cleaning path, making hidden dust and debris visible on various surfaces.



Powerful Suction

Tackles pet hair, dirt and debris

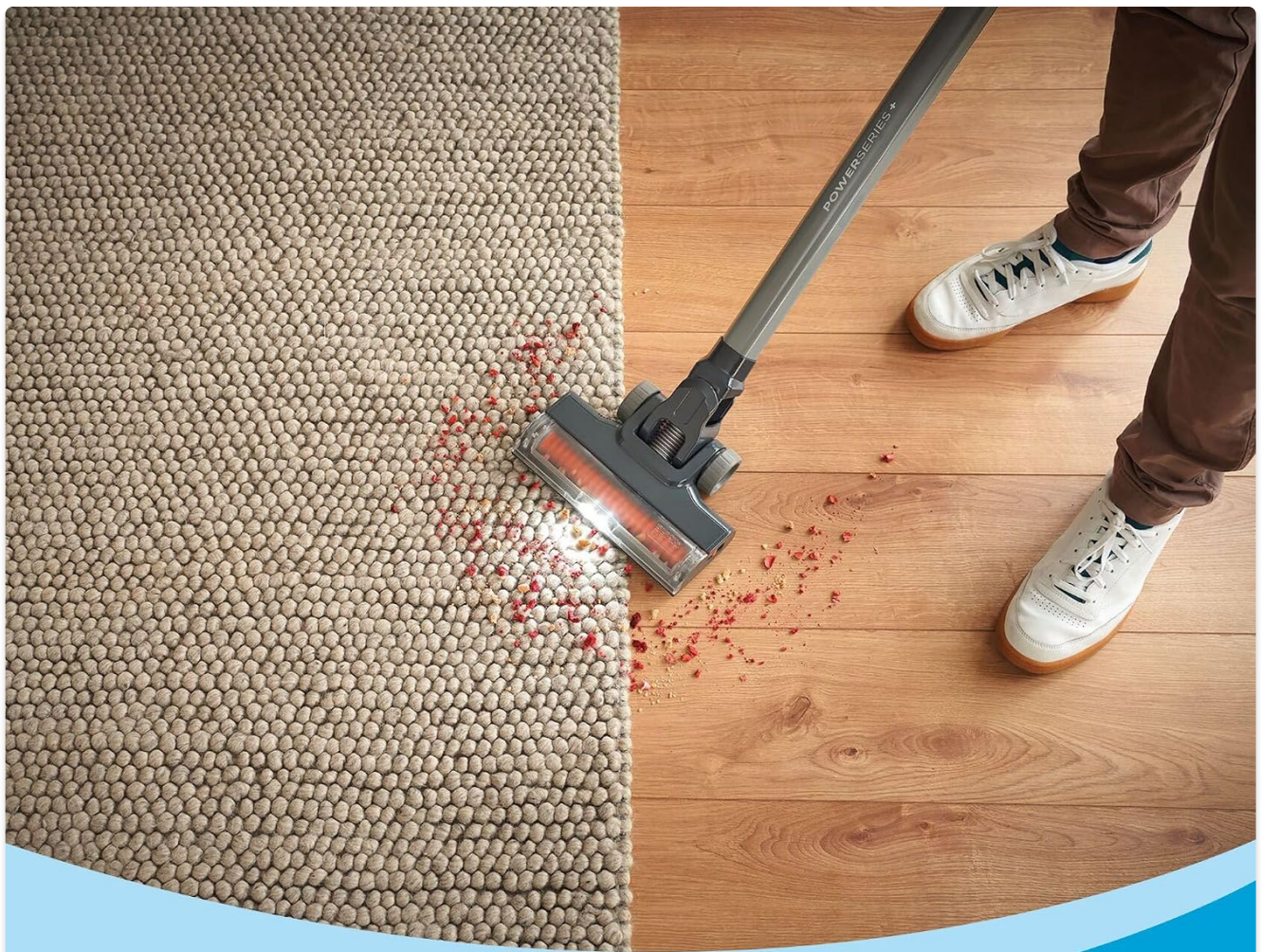
Image: A detailed view of the vacuum's floorhead, showing the bright LED lights highlighting dirt on a carpeted surface.

Anti-Tangle Brush Bar

The anti-tangle brush bar is designed to minimize hair wrap, ensuring consistent performance and easier maintenance.

AUTOSENSE Technology

This technology automatically detects the floor type and adjusts suction power accordingly, optimizing cleaning efficiency and battery runtime.



AUTOSENSE Technology

Automatically changes suction
power based on floor type

Image: The vacuum cleaning across a transition from carpet to hardwood, illustrating how AUTOSENSE technology adapts suction power.

Self-Standing Design

The vacuum can stand upright on its own, providing convenient temporary storage during cleaning breaks or when not in use.



Always Ready Self-standing for easy use and storage

Image: Two views of the vacuum standing independently in a kitchen and living area, showcasing its self-standing capability for easy storage.

MAINTENANCE

Emptying the Dustbin

For optimal performance, empty the front-facing dustbowl regularly, especially when debris reaches the 'MAX' fill line. To empty, press the dustbin release button and carefully detach it from the main unit. Dispose of collected debris into a trash receptacle.



Easy To Clean Filters and dustbowl

Image: A step-by-step visual guide demonstrating the process of emptying the dustbowl and cleaning the filter under running water.

Cleaning the Filter

The vacuum uses a disk filter and a cyclonic filtration system. After emptying the dustbin, remove the filter components. Tap off loose dirt, then rinse the filter under running water. Allow the filter to air dry completely for at least 24 hours before reassembling. Do not use the vacuum with a wet filter.

Cleaning the Brush Bar

Periodically check the brush bar for tangled hair or debris. The brush bar is removable for easy cleaning. Refer to the product diagram for instructions on how to release and re-insert the brush bar. Use scissors to cut away any wrapped hair or fibers.



Removable Brush Bar

For easy hair pick-up and disposal

Image: A detailed shot of the vacuum's floorhead with the brush bar partially removed, illustrating its design for easy cleaning and hair removal.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vacuum does not turn on.	Battery is not charged or not properly inserted.	Ensure battery is fully charged and securely clicked into place.
Reduced suction power.	Dustbin is full, filter is clogged, or there is a blockage.	Empty dustbin. Clean or replace filter. Check for and remove any blockages in the nozzle, wand, or brush bar.
Brush bar not spinning.	Hair or debris tangled around the brush bar.	Turn off the vacuum and remove any obstructions from the brush bar. Ensure it is properly re-installed.

Problem	Possible Cause	Solution
Short runtime.	Battery not fully charged or aging battery.	Ensure battery is fully charged before use. Consider replacing the battery if it no longer holds a charge effectively.

SPECIFICATIONS

Feature	Detail
Brand	BLACK+DECKER
Model Name	BHFEA18D1
Special Feature	Bagless
Filter Type	Disk
Is Cordless?	Yes
Wattage	20 watts
Runtime	44 minutes
Charging Time	44 minutes
Recommended Uses	Carpet, Hardwood
Form Factor	Handheld
Color	Gray
Product Dimensions	9.84"L x 6.77"W x 43.5"H
Battery Description	Lithium-Ion
Noise Level	75 dB
Item Weight	8.7 pounds
UPC	885911753760

WARRANTY AND SUPPORT

For detailed warranty information, product registration, or further assistance, please refer to the official user manual or visit the BLACK+DECKER website.

You can download the complete User Manual (PDF) for this product here: [BLACK+DECKER POWERSERIES+ User](#)

[Manual PDF](#)

For direct support, please visit the official BLACK+DECKER store: [BLACK+DECKER Store on Amazon](#)