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› BLACK+DECKER POWERSERIES PRO 20V Lithium 2-in-1 Anti-Allergen Vacuum User Manual

BLACK+DECKER HCUA525JA

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Model: HCUA525JA | Brand: BLACK+DECKER

INTRODUCTION

The BLACK+DECKER HCUA525JA POWERSERIES PRO 20V Lithium 2-in-1 Anti-Allergen Vacuum is engineered for superior cleaning performance, specifically designed to capture 99.99% of allergens, including pet dander and dust particles (0.3 Microns or greater). This versatile cordless vacuum offers powerful suction and extended runtime, making it ideal for comprehensive home cleaning. Its innovative 2-in-1 design allows for seamless transition between an upright vacuum and a portable canister, providing exceptional flexibility for various cleaning tasks, from floors to ceilings.



Figure 1: BLACK+DECKER POWERSERIES PRO 2-in-1 Anti-Allergen Vacuum in upright mode.

IMPORTANT SAFETY INFORMATION

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

- Always disconnect the vacuum from the charger before cleaning or performing any maintenance.
- Do not use the vacuum outdoors or on wet surfaces.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.

- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance with wet hands.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without dust cup and/or filters in place.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Store the appliance indoors.
- Recharge only with the charger specified by the manufacturer.
- Do not modify the plug in any way.

PACKAGE CONTENTS

Verify that all items are included in your package:

- 1 x HCUA525JA 2-in-1 Cordless Vacuum
- 1 x Jack Plug charger
- 1 x 3-in-1 Accessory Tool (6-inch nozzle, crevice tool, and upholstery brush)
- 1 x CUAHF10 Anti-Allergen Filter (pre-installed)
- 1 x Long brush attachment
- 1 x Nozzle/brush attachment



Figure 2: Included accessories and detached canister for versatile cleaning.

SETUP AND ASSEMBLY

Follow these steps to assemble your BLACK+DECKER POWERSERIES PRO vacuum:

1. **Unpack Components:** Carefully remove all parts from the packaging.
2. **Attach Handle:** Insert the handle into the main body of the vacuum until it clicks securely into place.
3. **Attach Canister:** Align the portable canister with the main vacuum body and push it down until it locks. Ensure the hose is properly connected.
4. **Initial Charge:** Before first use, fully charge the vacuum's battery. Connect the Jack Plug charger to the charging port on the vacuum and plug it into a standard electrical outlet. The BATTERYSENSE indicator will show charging progress. A full charge takes approximately 6 hours.



Figure 3: Front view of the vacuum, illustrating its upright form factor.

OPERATING INSTRUCTIONS

Powering On and Suction Control

The vacuum features intuitive touchpad controls for easy operation.

- **Power Button:** Press the power button on the control panel to turn the vacuum on or off.
- **Suction Speed Adjustment:** Use the '+' and '-' buttons on the touchpad to adjust suction speed between minimum (min) and maximum (max) settings.
- **AUTOSENSE:** Enable AUTOSENSE for automatic suction adjustment. This feature optimizes runtime by adapting suction

power from bare floors to thick carpets.

- **LED Light:** Activate the integrated LED light to illuminate cleaning surfaces, especially useful in dimly lit areas or under furniture.



Figure 4: Detailed view of the touchpad controls for power, suction, and SMARTECH features.

2-in-1 Versatility

The POWERSERIES PRO can be used as a full-size upright vacuum or a portable handheld unit.

1. **Upright Mode:** For general floor cleaning, use the vacuum in its assembled upright configuration. The swivel steering enhances maneuverability around furniture.

2. **Portable Canister Mode:** To clean hard-to-reach areas, stairs, upholstery, or overhead surfaces, detach the portable canister by pressing the release button. The canister can be used with the extension wand and 4-foot hose for extended reach.



Figure 5: The vacuum's low-profile design allows for cleaning under furniture.

SMARTeCH Features

- **AUTOSENSE:** Automatically adjusts suction power based on floor type (bare floor to thick carpet) to optimize cleaning efficiency and battery runtime.
- **BATTERYSENSE:** Provides a clear indication of the remaining battery charge, allowing you to plan your cleaning tasks effectively.
- **FILTERSENSE:** Alerts you when the filter needs cleaning, ensuring optimal suction performance and prolonging filter life.

Accessory Tools

The vacuum comes with a 3-in-1 accessory tool and additional attachments for specialized cleaning:

- **3-in-1 Accessory Tool:** Combines a 6-inch nozzle, crevice tool, and upholstery brush for versatile cleaning of various

surfaces and tight spaces.

- **Long Brush:** Ideal for dusting and delicate surfaces.
- **Nozzle/Brush:** Provides focused suction with brushing action.

Video 1: Demonstrates the versatility and features of the BLACK+DECKER POWERSERIES PRO Cordless Vacuum, including its 2-in-1 functionality, SMARTECH sensors, and accessory tools for various cleaning tasks.

MAINTENANCE

Emptying the Dust Cup

The dust compactor feature allows for extended cleaning time before emptying. To empty the dust cup:

1. Ensure the vacuum is turned off.
2. Press the dust cup release button to detach the dust cup from the main unit.
3. Position the dust cup over a trash bin.
4. Press the dust cup empty button to release the bottom flap and empty dirt and debris. The dust compactor helps to consolidate debris, reducing dust cloud upon emptying.
5. Close the bottom flap securely and reattach the dust cup to the vacuum.

Cleaning the Filter

The anti-allergen filter captures 99.99% of allergens and requires regular cleaning to maintain optimal performance. The FILTERSENSE indicator will alert you when cleaning is needed.

1. Remove the dust cup as described above.
2. Twist and pull out the filter assembly from the dust cup.
3. Tap the filter gently over a trash bin to remove loose dust. For a more thorough clean, rinse the filter under cool running water.
4. Allow the filter to air dry completely for at least 24 hours before reinserting it into the dust cup. Do not use the vacuum with a wet filter.
5. Reassemble the filter and dust cup, then reattach to the vacuum.

Cleaning the Brush Bar

The brush bar can be easily detached for cleaning hair and debris.

1. Turn off the vacuum and lay it flat.
2. Locate the brush bar release mechanism on the bottom of the floorhead.
3. Unlock and remove the brush bar.
4. Use scissors or a brush to remove any tangled hair or debris from the brush bar.
5. Reinsert the clean brush bar and lock it back into place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vacuum does not turn on.	Battery is not charged.	Charge the battery fully (approx. 6 hours).

Problem	Possible Cause	Solution
	Charger not properly connected.	Ensure charger is securely plugged into the vacuum and wall outlet.
Reduced suction power.	Dust cup is full.	Empty the dust cup.
	Filter is dirty or clogged.	Clean or replace the filter as indicated by FILTERSENSE.
	Hose or nozzle is blocked.	Check for and remove any blockages in the hose, nozzle, or brush bar.
Brush bar not spinning.	Brush bar is tangled with hair/debris.	Remove and clean the brush bar.
	Brush bar function is turned off.	Ensure the brush bar function is enabled via the touchpad controls.

SPECIFICATIONS

Brand: BLACK+DECKER

Model Name: BLACK+DECKER HCUA525JA POWERSERIES™ PRO 20V Lithium 2-in-1 Vacuum

Item Model Number: HCUA525JA

UPC: 885911523455

Special Feature: Bagless, 2-in-1 design

Filter Type: HEPA Filter (captures 99.99% of allergens)

Power Source: Battery Powered (20V Lithium Ion, rechargeable)

Wattage: 20 watts

Runtime: Up to 60 minutes (on lowest suction setting with brush roll off)

Charging Time: Approximately 6 hours

Hose Length: 4 Feet (for portable canister mode)

Recommended Uses: Bare Floor, Carpet, Hard Floor, Rug

Form Factor: Upright / Handheld

Color: Green

Product Dimensions: 12.2"L x 8.8"W x 33.8"H

Item Weight: 8 pounds

Controller Type: Touchpad Control

Included Components: HCUA525JA 2-in-1 Cordless Vacuum, Jack Plug charger, 3-in-1 Accessory Tool, CUAHF10 filter, Long brush, Nozzle/brush.

WARRANTY AND SUPPORT

This BLACK+DECKER product is backed by a 2-year limited warranty. For warranty claims, technical support, or to purchase replacement parts, please contact BLACK+DECKER customer service or visit their official website. Keep your proof of purchase for warranty validation.

For more information, visit the official [BLACK+DECKER Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question