

SmartAI V15 Ultra

SmartAI V15 Ultra Cordless Stick Vacuum Cleaner User Manual

Model: V15 Ultra | Brand: SmartAI

1. INTRODUCTION

Thank you for choosing the SmartAI V15 Ultra Cordless Stick Vacuum Cleaner. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read it thoroughly before first use and keep it for future reference.

2. SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, always follow basic safety precautions when using an electrical appliance. This includes:

- Do not use 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 a 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 airflow.
- 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 to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not pick up toxic material (e.g., chlorine bleach, ammonia cleaner, drain cleaner).
- Do not use without dust bin and/or filters in place.
- Turn off all controls before unplugging.

- Use extra care when cleaning on stairs.
- Do not charge the unit outdoors.
- Use only the charger specified by the manufacturer.

3. PACKAGE CONTENTS

Carefully unpack your SmartAI V15 Ultra and check that all items are present and in good condition. The package should include:

- Main Unit (Motor and Dust Bin)
- Motorized Floor Brush
- Wall Mount Support
- Removable Battery
- HEPA Filter (pre-installed or spare)
- Long Flat Suction Nozzle
- 2-in-1 Brush Tool
- Sofa Brush
- Foldable Tube
- Cleaning Brush
- Power Adapter
- User Manual



Figure 3.1: All components and accessories included with the SmartAI V15 Ultra vacuum cleaner.

4. SETUP

4.1 Assembly

1. **Attach the Tube:** Insert the foldable tube into the main unit until it clicks securely.
2. **Attach the Floor Brush:** Connect the motorized floor brush to the other end of the foldable tube until it clicks.
3. **Install Battery:** Slide the removable battery into the designated slot on the main unit until it locks into place.
4. **Attach Accessories:** For handheld use, attach desired accessories (e.g., 2-in-1 brush, long flat nozzle, sofa brush) directly to the main unit or the foldable tube.

4.2 Charging the Battery

Before first use, fully charge the battery. The charging time is approximately 4.5 hours.

- Connect the power adapter to the charging port on the main unit or directly to the removable battery.
- Plug the adapter into a power outlet. The display will indicate charging status.
- For convenient storage and charging, install the wall mount support in a suitable location.

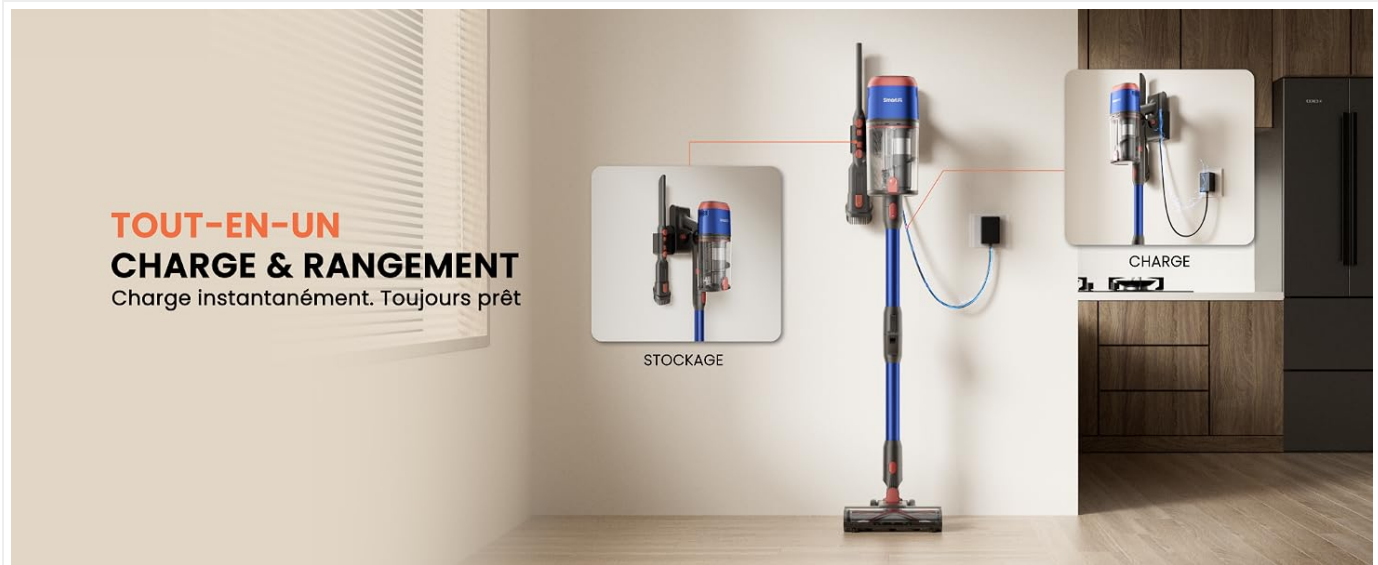


Figure 4.1: The SmartAI V15 Ultra can be stored and charged using the wall mount.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Mode Selection

Press the power button to turn the vacuum cleaner on or off. Use the mode selector button on the display to switch between cleaning modes.



Figure 5.1: The digital display provides real-time information on power modes, battery level, and alerts.

5.2 Cleaning Modes and Runtime

- **ECO Mode:** Provides up to 75 minutes of runtime for light cleaning tasks.
- **NORMAL Mode:** Offers up to 42 minutes of runtime for everyday cleaning.

- **TURBO Mode:** Delivers maximum suction for up to 25 minutes for deep cleaning.
- **AUTO Mode:** Automatically detects dirt levels and adjusts suction power (38-58 kPa) for optimized cleaning and battery life (25-75 minutes).

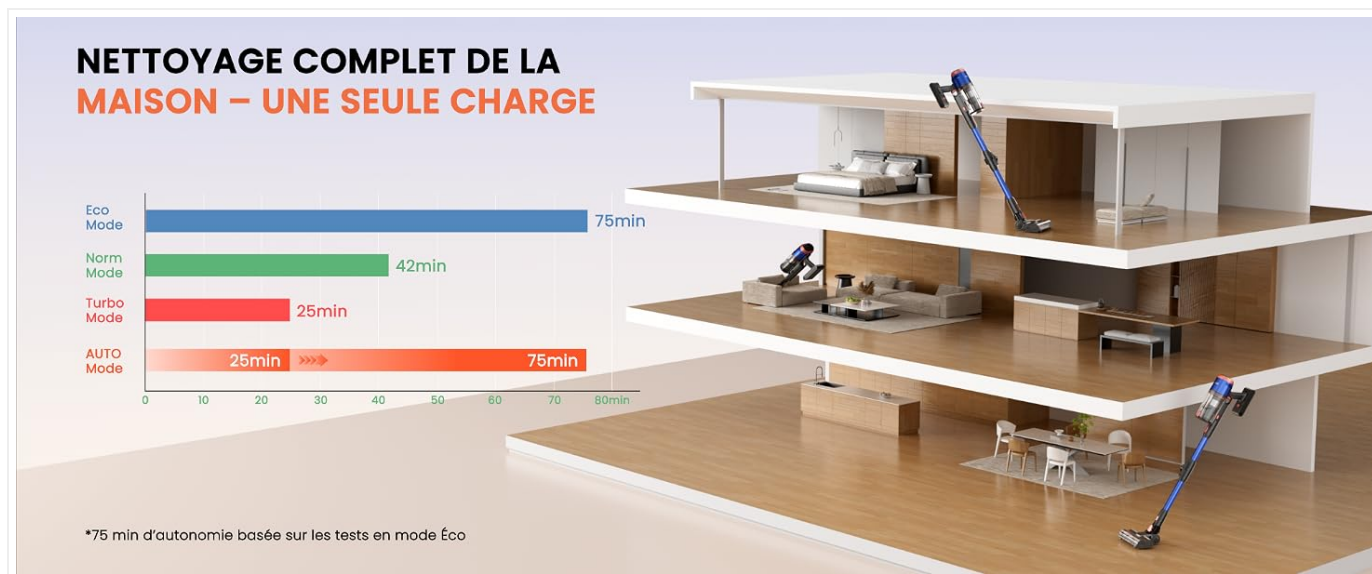


Figure 5.2: Overview of battery runtime across different cleaning modes.

5.3 Flexible Tube and Self-Standing Design

The ergonomic foldable tube allows you to easily clean under low furniture like beds, sofas, and tables without bending. The vacuum also features a self-standing design, allowing you to pause cleaning and leave the vacuum upright.



Figure 5.3: The flexible tube simplifies cleaning under furniture, and the self-standing feature offers convenience.

5.4 Smart Dust Detection and Green Light

The vacuum's intelligent dust detection system automatically adjusts suction power based on the amount of dirt. The integrated green light on the floor brush illuminates hidden dust and micro-particles, ensuring a thorough clean.



Figure 5.4: The green light feature helps visualize and clean invisible dust.

5.5 Using Accessories

The SmartAI V15 Ultra comes with various accessories for different cleaning needs:

- **Long Flat Suction Nozzle:** Ideal for narrow gaps and corners.
- **2-in-1 Brush Tool:** Use the brush for delicate surfaces and the nozzle for general cleaning.
- **Sofa Brush:** Designed for upholstery, pet beds, and fabric surfaces.



Figure 5.5: The vacuum easily converts to a handheld unit for versatile cleaning.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your vacuum cleaner.

6.1 Emptying the Dust Bin

The 1.8 L dual dustbin system is designed for easy emptying. Empty the dust bin when the MAX line is reached or after each use.

1. Ensure the vacuum is turned off.
2. Press the dust bin release button to detach it from the main unit.
3. Position the dust bin over a trash can.
4. Press the bottom release latch to open the dust bin and empty its contents.
5. Close the dust bin and reattach it to the main unit until it clicks.



Figure 6.1: Emptying the dust bin is a simple, one-click process.

6.2 Cleaning the Filters

The eight-level sealed HEPA filtration system requires regular cleaning to maintain suction power and air quality. Clean filters monthly or as needed.

1. Ensure the vacuum is turned off and the dust bin is removed.
2. Remove the HEPA filter and other filter components from the dust bin assembly.
3. Tap the filters gently to remove loose dust.
4. Rinse the filters under cold running water until the water runs clear. Do not use detergent.
5. Allow all filter components to air dry completely for at least 24 hours before reassembling. Do not use a dryer or other heating devices.
6. Reassemble the filters and dust bin, then reattach to the main unit.



Figure 6.2: Components of the 8-level sealed filtration system, including the HEPA filter.

6.3 Cleaning the Brush Roll

The V-shaped anti-tangle motorized brush roll minimizes hair wrap, but occasional cleaning may be necessary.

1. Ensure the vacuum is turned off and disconnected from the power source.
2. Detach the motorized floor brush from the tube.
3. Locate the brush roll release latch on the side of the brush head and open it.
4. Remove the brush roll. Use the provided cleaning tool or scissors to cut and remove any tangled hair or debris.
5. Clean any debris from the brush head cavity.
6. Reinsert the brush roll and secure the release latch.

7. TROUBLESHOOTING

If you encounter issues with your vacuum cleaner, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Vacuum does not turn on	Battery not charged; Battery not properly installed; Power button not pressed.	Charge the battery; Reinstall battery securely; Press the power button firmly.
Low suction power	Dust bin full; Filters clogged; Brush roll tangled; Blockage in tube or nozzle.	Empty dust bin; Clean filters; Remove tangled hair from brush roll; Check for and clear blockages.
Brush roll not spinning	Brush roll tangled; Brush head blocked; Incorrect mode selected.	Clean brush roll; Clear any obstructions in the brush head; Ensure vacuum is in a mode that activates the brush.
Battery not charging	Charger not properly connected; Power outlet not working; Damaged battery or charger.	Ensure charger is securely plugged in; Test power outlet with another device; Contact customer support if battery or charger is damaged.

If the problem persists after attempting these solutions, please contact SmartAI customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	V15 Ultra
Brand	SmartAI
Suction Power	Up to 58 kPa
Motor Wattage	600 Watts
Battery Type	1 Lithium-ion (included)
Voltage	29.6 Volts
Battery Life (Runtime)	Up to 75 minutes (ECO mode)
Charge Time	4.5 hours
Dust Bin Capacity	1.8 Liters
Filter Type	HEPA Filter (8-level sealed filtration)
Noise Level	72 Decibels
Dimensions (L x W x H)	28 x 18 x 40 cm
Weight	4.18 kg
Special Features	Anti-hair tangle brush, Removable battery, Duo-Clean, Foldable tube, Rechargeable, Smart dust detection, Green light
Recommended Surfaces	Carpets and hard floors

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The SmartAI V15 Ultra Cordless Stick Vacuum Cleaner comes with a **2-year warranty** from the date of purchase, covering manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

9.2 Returns and Exchanges

You may return or exchange the product within **30 days** of purchase, subject to the retailer's return policy and condition of the product.

9.3 Customer Support

SmartAI is committed to providing excellent customer service. For any questions, technical assistance, or warranty claims, please contact our support team:

- **Online Customer Service:** Available 24/7.

- **Spare Parts:** Continuous availability of accessories and replacement parts is ensured.



Figure 9.1: Overview of SmartAI's professional after-sales service.

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