

## Fmart E-R550W(s)

# FMART E-R550W(S) Robot Vacuum Cleaner User Manual

Model: E-R550W(s)

## 1. INTRODUCTION

Thank you for choosing the FMART E-R550W(S) Robot Vacuum Cleaner. This device is designed to provide efficient and convenient cleaning for your home, offering 3-in-1 functionality: sweeping, vacuuming, and mopping. It features smart navigation, powerful suction, and multiple control options including app, voice, and remote control. Please read this manual thoroughly before use to ensure proper operation and maintenance.

## 2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of injury or damage, read these safety instructions carefully and keep them for future reference.

- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Do not operate the robot in areas with open flames or fragile objects.
- Ensure the charging dock is placed on a flat surface against a wall, with clear space around it.
- Do not immerse the robot or its charging dock in water.
- Only use the original power adapter and charging dock provided by the manufacturer.
- Before cleaning, remove loose cables, small objects, and curtains that could entangle the robot.
- The robot is equipped with anti-fall sensors; however, exercise caution near stairs or elevated surfaces.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- FMART E-R550W(S) Robot Vacuum Cleaner
- Charging Dock
- Power Adapter
- Side Brushes (2 pairs)
- Remote Control
- Cleaning Brush
- Water Tank with Mop Cloth
- User Manual



**Image:** An overview of the robot vacuum and its accessories, including the remote control, charging dock, power adapter, side brushes, and cleaning tool.

## 4. PRODUCT OVERVIEW

## 4.1 Top View

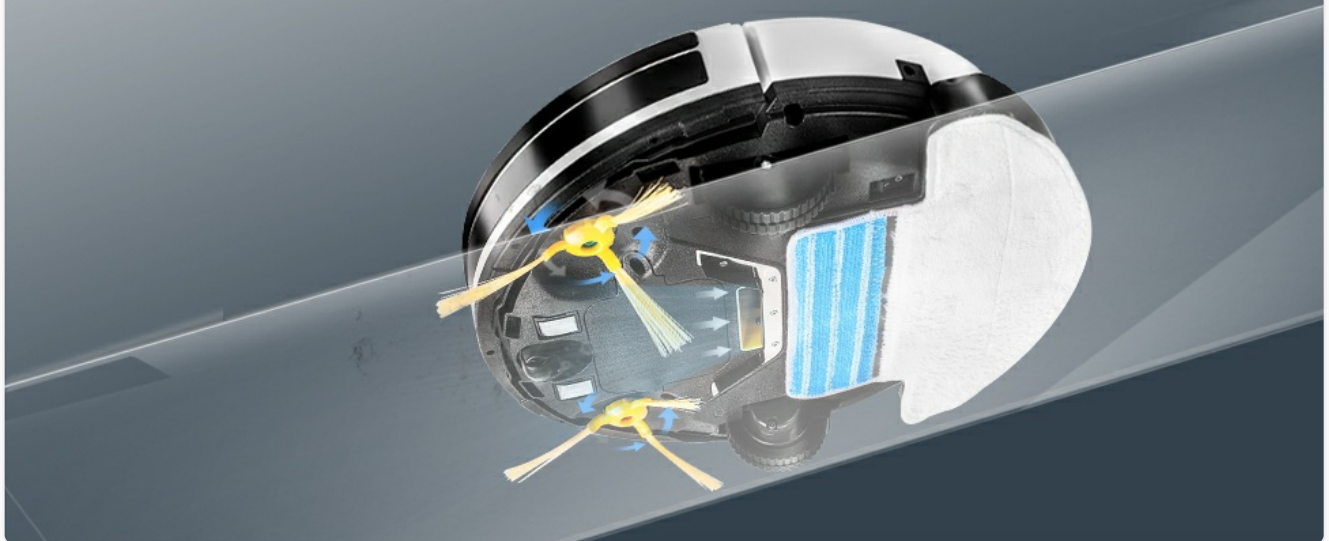


**Image:** Top view of the FMART E-R550W(S) robot vacuum cleaner, showing the control panel with time display and mode indicators (PLAN, SPOT, CLEAN, HOME, trash icon).

- **Control Panel:** Displays time, cleaning modes, and status indicators.
- **Dust Bin Cover:** Provides access to the dust bin.
- **Power Button:** Initiates or pauses cleaning, powers on/off.

## 4.2 Bottom View

# 1200 Pa starke Adsorption



**Image:** An exploded view of the robot vacuum's underside, showing the suction path, side brushes, and filter system, highlighting its 1200 Pa suction power.

- **Side Brushes:** Sweep debris into the suction path.
- **Suction Port:** Collects dust and debris.
- **Driving Wheels:** Allow the robot to move across various surfaces.
- **Charging Contacts:** Connect with the charging dock.
- **Cliff Sensors:** Detect edges and prevent falls.
- **Water Tank/Mop Attachment:** For wet mopping functionality.

## 5. SETUP

### 5.1 Charging Dock Placement

Place the charging dock on a hard, level surface against a wall. Ensure there is at least 1 meter (3 feet) of clear space on both sides of the dock and 2 meters (6 feet) in front of it to allow the robot to return for charging easily. Connect the power adapter to the charging dock and plug it into a wall outlet.



**Image:** The robot vacuum positioned on a wooden floor, next to its charging dock, illustrating its automatic return-to-base feature.

## 5.2 Initial Charging

Before first use, fully charge the robot. Place the robot manually onto the charging dock, ensuring the charging contacts align. The indicator light on the robot will show charging status. A full charge typically takes 4-5 hours.

## 5.3 Attaching Side Brushes

Snap the side brushes onto the posts on the bottom of the robot. Ensure they are securely attached.

## 5.4 App Connection (Optional)

Download the 'Fmart Smart' app from your smartphone's app store. Follow the in-app instructions to connect your robot vacuum to your home Wi-Fi network. This enables advanced features like scheduling, remote control, and voice assistant integration (Google Home, Amazon Alexa).

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# 6. OPERATING THE ROBOT VACUUM



## 6.1 Powering On/Off

Press and hold the power button on the robot or remote control to turn the robot on or off.

## 6.2 Cleaning Modes

The FMART E-R550W(S) offers four cleaning modes:

- **Auto Clean:** The robot automatically cleans the entire floor area, adjusting its path as needed.
- **Spot Clean:** The robot intensely cleans a specific area in a spiral pattern, ideal for concentrated dirt.
- **Edge Clean:** The robot cleans along walls and furniture edges to ensure thorough coverage.
- **Scheduled Clean:** Set a cleaning schedule via the app or remote control for automated cleaning at specific times.



**Image:** The robot vacuum cleaning a low-pile rug, with a person and dog in the background, illustrating its multi-surface vacuuming capability for low-pile carpets and hard floors.



**Image:** A visual representation of the robot vacuum cleaning different floor types: wood, tile, and thin carpet, demonstrating its versatility.

### 6.3 Using the Water Tank (Mopping Function)

Fill the water tank with clean water. Attach a clean mop cloth to the tank. Slide the filled water tank into the designated slot on the robot's underside. The robot will then vacuum and mop simultaneously. Do not use the mopping function on carpets.

### 6.4 Automatic Recharging

When the battery level is low, the robot will automatically return to its charging dock. Ensure the charging dock is accessible and powered on.



**Image:** The robot vacuum operating under a sofa, showcasing its slim design (8.5 cm height) which allows it to clean hard-to-reach areas.

## 7. MAINTENANCE

Regular maintenance ensures optimal performance of your robot vacuum.

### 7.1 Emptying the Dust Bin

Open the top cover of the robot and remove the dust bin. Open the dust bin cover and empty its contents into a trash can. It is recommended to empty the dust bin after each cleaning cycle.

### 7.2 Cleaning Filters

Remove the filters from the dust bin. Tap them gently to remove loose dirt. The HEPA filter is not washable; replace it every 3-6 months. The primary filter can be rinsed with water and air-dried completely before reinstallation.

### 7.3 Cleaning Side Brushes



Periodically check the side brushes for tangled hair or debris. Remove any obstructions and clean the brushes. Replace worn or damaged brushes.

### 7.4 Cleaning Sensors

Wipe the cliff sensors and anti-collision sensors on the robot's underside and front bumper with a clean, dry cloth. Keep them free of dust and debris for proper navigation.

### 7.5 Cleaning the Water Tank and Mop Cloth

After each mopping session, empty any remaining water from the tank. Remove and wash the mop cloth. Allow both to air dry completely before storing or reusing.

## 8. TROUBLESHOOTING

If you encounter issues with your robot vacuum, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not turn on.	Low battery; Power button not pressed correctly.	Charge the robot; Press and hold the power button for a few seconds.
Robot does not charge.	Charging contacts are dirty; Charging dock not powered; Robot not properly aligned.	Clean charging contacts on both robot and dock; Ensure dock is plugged in; Re-position robot on dock.
Robot gets stuck frequently.	Obstacles (cables, rugs); Sensors are dirty.	Clear the cleaning area of obstructions; Clean all sensors.
Poor suction performance.	Dust bin full; Filters clogged; Side brushes tangled.	Empty dust bin; Clean or replace filters; Clean side brushes.
Robot falls down stairs.	Cliff sensors are dirty or blocked.	Clean the cliff sensors thoroughly.

## 9. SPECIFICATIONS

Feature	Detail
Brand	Fmart
Model Number	E-R550W(s)
Color	White
Dimensions (L x W x H)	32 x 32 x 8.5 cm
Weight	3.5 Kilograms

Feature	Detail
Power	20 Watts
Voltage	100 Volts, 14.4 Volts, 240 Volts
Material	ABS
Noise Level	55 dB
Battery Life (Runtime)	90-120 minutes (2 hours)
Battery Composition	Lithium
Suction Power	1000 Pa
Special Features	Anti-fall and anti-collision, Auto-recharge and scheduling, Sweeping suction brush, Intelligent climbing, HEPA double filtration, Multiple cleaning modes, Pet hair friendly, Washable dust bin, Wireless, Wet and dry mopping, LCD touch screen.
Controller Type	Amazon Alexa, Google Home, Remote Control, App

## 10. WARRANTY AND SUPPORT

### 10.1 Warranty Information

The product's battery has a lifespan of 2 years. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact customer support.

### 10.2 Customer Support


If any problems arise during use, please contact us immediately. We are committed to providing a satisfactory response within 24 working hours.






For further assistance, please visit the Fmart store:[Fmart Official Store](#)



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### Related Documents - E-R550W(s)

	<p><a href="#">Fmart W6 Window Cleaning Robot User Manual and Safety Guide</a></p> <p>Comprehensive user manual for the Fmart W6 Window Cleaning Robot, covering setup, operation, safety precautions, troubleshooting, and maintenance. Learn how to effectively clean your windows with this intelligent robotic cleaner.</p>
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	<p><a href="#">Fmart W6 Window Cleaning Robot User Manual</a></p> <p>Comprehensive user manual for the Fmart W6 window cleaning robot, covering safety precautions, installation, operation, maintenance, and troubleshooting.</p>
	<p><a href="#">Vactidy T7 Robot Vacuum Cleaner User's Manual</a></p> <p>User's manual for the Vactidy T7 Robot Vacuum Cleaner, covering safety instructions, product description, operation, maintenance, specifications, and troubleshooting. Learn how to use and care for your Vactidy T7 robot vacuum.</p>
	<p><a href="#">iRobot Roomba 671 Robot Vacuum User Manual</a></p> <p>This user manual provides detailed instructions for setting up, using, and maintaining the iRobot Roomba 671 Robot Vacuum with Wi-Fi Connectivity. Learn about its features, safety instructions, troubleshooting, and customer care.</p>
	<p><a href="#">iRobot Roomba i3 EVO (3150) User Manual: Setup, Cleaning, and Maintenance</a></p> <p>Comprehensive user manual for the iRobot Roomba i3 EVO (3150) Wi-Fi Connected Robot Vacuum. Learn about setup, operation, cleaning, maintenance, safety, and troubleshooting for your Roomba.</p>
	<p><a href="#">Shark Matrix Plus 2-in-1 Robot Vacuum Owner's Guide</a></p> <p>This owner's guide provides comprehensive instructions for the Shark Matrix Plus 2-in-1 Robot Vacuum, model RV2600WA Series. It covers setup, operation, maintenance, and troubleshooting for both vacuuming and mopping modes, including features like AI Laser Navigation, Matrix Clean, and self-empty base functionality. The guide also details app integration with voice assistants like Amazon Alexa and Google Assistant, and provides important safety information and warranty details.</p>