Roborock S8 Pro Ultra

Robotic Vacuum Cleaner User Manual

Read this user manual with diagrams carefully before using this product and store it properly for future reference.

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Safety Information

WARNING

. For use only with roborock EWFD07LRR or EWFD08LRR charger.
. Place the cords from other appliances out of the area to be cleaned.
. Do not operate the vacuum in a room where an infant or child is sleeping.
. Do not operate the vacuum in an area where there are lit candles or fragile objects on the floor to be cleaned.
. Do not operate the vacuum in a room that has lit candles on furniture that the vacuum may accidentally hit or bump into.
. Do not allow children to sit on the vacuum.
. Do not carry the product using dock base or dustbin.
. Place the dock on a flat floor away from fire, heat, and water. Avoid narrow spaces or locations where the robot may be suspended in the air.
. The product must be switched off and the plug must be removed from socket outlet when not in use, before cleaning or maintaining the product.
. This product can be used by children aged from 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 product in a safe way and understand the hazards involved. Children shall not play with the product. Cleaning and user maintenance shall not be made by children without supervision.
. Do not dismantle, repair or modify the battery or charging dock.
. If the dock is placed in an area susceptible to thunderstorms or with unstable voltage, take protection measures.
. Connect to a properly grounded outlet only. See Grounding Instructions.

GROUNDING INSTRUCTIONS

This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug.

The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

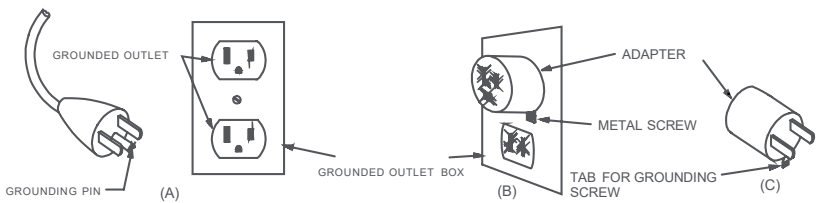
WARNING – Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

Safety Information

This appliance is for use on a nominal 120-V circuit and has a grounding attachment plug that looks like the plug illustrated in sketch A in Grounding methods. Make sure that the appliance is connected to an outlet having the same configuration as the plug.

No adaptor should be used with this appliance.

Grounding methods



AA200

Battery and Charging

. Keep the charging dock away from heat (such as radiators).
. Do not wipe the charging contacts with wet cloth or wet hands.
. Turn the robot off and use original packaging for shipment.
. If placing the robot into storage, charge it fully and turn it off before placing it in a cool dry place. Recharge it at least every three months to prevent the battery over discharging.
. Do not use the product when the temperature is higher than 40°C (104°F) or lower than 4°C (39°F), or there is any liquid or sticky substance on the floor.

International Symbols Explanation

~ – ALTERNATING CURRENT symbol [symbol IEC 60417-5032 (2009-02)]
⎓ – DIRECT CURRENT symbol [symbol IEC 60417-5031 (2009-02)]
⏚ – PROTECTIVE EARTH (Protective Ground) symbol [symbol IEC 60417-5019 (2009-02)]

FCC/IC Statement

Compliance Information	
Product Name	Robotic Vacuum Cleaner with Charging Dock
Product Model	Robotic Vacuum Cleaner Model: S81USP Empty Wash Fill Dock: EWFD07LRR, EWFD08LRR
Compliance Statement	This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.
Correspondence of the responsible party in USA	
Company	Roborock Technology Co.
Address	ROOM 1227, 12TH FLOOR, 1000 N. WEST STREET, WILMINGTON, DE 19801
Email	support@roborock.com

A Product Overview

A1 Robot (Top View)

- Mop Only/Child Lock
  - . Press to start mopping
  - . Press and hold for 3 seconds to turn on/off the child lock
- Power/Clean
  - . Press and hold to turn the robot on or off
  - . Press to start cleaning
- Power Indicator Light
  - . White: Battery level ≥ 20%
  - . Red: Battery level < 20%
  - . Pulsing: Charging or starting up
  - . Flashing red: Error
- Dock
  - . Press to return to dock/start emptying
  - . Press and hold to wash mop

Note: Press any button to stop the robot during cleaning or docking.

A1-1—Vertical Bumper
A1-2—LiDAR Sensor
A1-3—Wall Sensor
A1-4—Charging Contacts
A1-5—Reactive 3D Obstacle Avoidance Sensor
A1-6—Infrared Fill Light

A2 Robot (Bottom View)

A2-1—Cliff Sensors
A2-2—Carpet Sensor
A2-3—Omnidirectional Wheel
A2-4—Side Brush
A2-5—Main Brushes
A2-6—Main Brush Cover
A2-7—Main Wheel

A3 Robot (Upper Cover Open)

A3-1—WiFi Indicator Light
- . Off: WiFi disabled
- . Flashing slowly: Waiting for connection
- . Flashing quickly: Connecting
- . Steady: WiFi connected

A3-2—Reset Button
A3-3—Bumper
A3-4—Mop Wash Sensor
A3-5—Water Tank
A3-6—Self-Filling Port
A3-7—Positioning Button
A3-8—VibraRise Module
A3-9—Air Outlet

A4 VibraRise Mop Cloth Mount

A4-1—Mop Cloth Attachment Slot
A4-2—Vibration Module
A4-3—Mop Cloth Mount

Note: The VibraRise mop cloth mount is non-detachable.

A5 VibraRise Mop Cloth

A5-1—Hook and Loop Pads

A6 Dustbin

A6-1—Cover Latch
A6-2—Filter Cover
A6-3—Dustbin Latch
A6-4—Air Inlet
A6-5—Washable Filter

A7 Power Cable

A8 Dock Base

A9 Disposable Dust Bag

A10 Empty Wash Fill Dock

A10-1—Water Tank Handle
A10-2—Water Tank Lid
A10-3—Dirty Water Tank
A10-4—Dock Location Beacon
A10-5—Self-Filling Port
A10-6—Charging Contacts
A10-7—Washing Strip
A10-8—High-Speed Maintenance Brush
A10-9—Maintenance Brush Latch
A10-10—Dustbin
A10-11—Clean Water Tank
A10-12—Water Tank Latch
A10-13—Status Indicator Light
. Pulsing: Emptying/Washing Mop
. Red: Dock error
. Light off: Powered Off/Charging/ Drying
A10-14—Water Filter
A10-15—Air Inlet
A10-16—Dock Base
A10-17—Hot Air Outlet

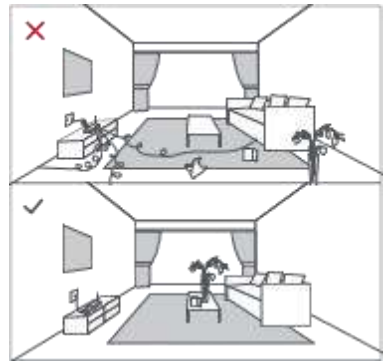
A11 Power Cable Storage

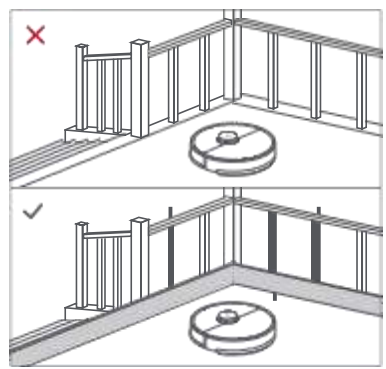
A11-1—Cable Outlets
A11-2—Cable Slot
A11-3—Power Port

Note: Power cable can exit at either side.

B Installation

Important Information





1. Tidy cables and loose items from the ground and move any unstable, fragile, precious, or dangerous items to prevent personal injury or property damage due to items becoming tangled in, struck by, or knocked over by the robot.
2. When using the robot in a raised area, always use a secure physical barrier to prevent accidental falls that may result in personal injury or property damage.

Note: When using the robot for the first time, follow it throughout its whole cleaning route and watch for potential problems. The robot will be able to clean by itself in future uses.

B1 Position the charging dock

B1-1—Attach the base by pressing down both sides of the base firmly, and then pressing the connecting part in the middle until you hear a click.

B1-2—Connect the power cable to the back of the dock, and keep the excess cable inside the storage slot.

B1-3— Place the dock on a hard and flat floor (wood/tile/concrete etc.), flat against a wall. Keep at least 0.7 m (2.3 ft) in front and 0.5 m (1.6 ft) above. Make sure the location has good WiFi for a better experience with the mobile app, and then plug it in.

B1-4—more than 0.5 m (1.6 ft)

B1-5—more than 0.7 m (2.3 ft)

Notes:

- If the power cable hangs vertically to the ground, it may be caught by the robot, causing the dock to be moved or disconnected.
- The dock indicator is on when the dock is powered on, and off when the robot is charging.
- The dock indicator turns red if an error occurs.
- Place the dock on a flat floor away from fire, heat, and water. Avoid narrow spaces or locations where the robot may be suspended in the air.
- Placing the dock on a soft surface (carpet/mat) may cause the dock to tilt over and cause problems docking and departing.
- Keep the dock away from direct sunlight or anything that may block the dock location beacon; otherwise, the robot may fail to return to the dock.
- Do not use the dock without a clean water tank, dirty water tank, high-speed maintenance brush, dustbin, dust bag or water filter.
- Maintain the dock according to the maintenance instructions. Do not clean the dock with a wet cloth or tissue.
- All docks are subject to water-based tests before leaving the factory. It is normal that a small amount of water remains in the waterway of the dock.

B2 Power on and charge the robot

Press and hold the ⏻ button to power on the robot. When the power light goes on, place the robot on the dock to charge. Make sure the charging dock power indicator turns off and a “charging” voice alert sounds. To maintain the performance of the high-performance lithium-ion rechargeable battery pack, keep the robot charged.

Note: The robot may not be turned on when the battery is low. In this case, connect the robot to the dock.

Connecting to the App

This robot supports both Roborock and Mi Home apps. Choose the one that best meets your needs.

❶ Download App

Option 1: Search for “Roborock” in the App Store or Google Play or scan the QR code to download and install the app.

Option 2: Search for “Mi Home” in the App Store or Google Play or scan the QR code to download and install the app.

❷ Reset WiFi

1. Open the top cover and find the WiFi indicator.
2. Press and hold the ⌂ and 0 buttons until you hear the “Resetting WiFi” voice alert. The reset is complete when the WiFi indicator flashes slowly. The robot will then wait for a connection.

Note: If you cannot connect to the robot due to your router configuration, a forgotten password, or any other reason, reset the WiFi and add your robot as a new device.

❸ Add device

Open the Roborock App, tap the “Scan to Connect” button, or open the Mi Home app, tap “+” in the top right corner and add the device as instructed in the app.

Notes:

. The actual process may vary due to ongoing app updates. Follow the instructions provided in the app.
. Only 2.4 GHz WiFi is supported.
. If the robot waits more than 30 minutes for a connection, WiFi will be automatically disabled. If you want to reconnect, reset the WiFi before proceeding.

Instructions

Filling the Clean Water Tank

Open the clean water tank and fill the tank with water. Close the lid, lock the latch, and fit the tank back in place.

Notes:

. To prevent corrosion or damage, only use the Roborock branded floor cleaner in the water tank.
. To avoid water tank deformation, do not place hot water in the tank.
. If water marks remain on the water tank, wipe them clean before reinstallation.

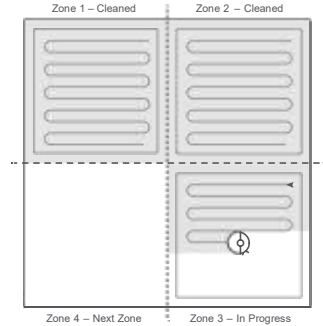
On/Off

Press and hold the ⏻ button to turn on the robot. The power indicator will turn on and the robot will enter standby mode. Press and hold the ⏻ button to turn off the robot and complete the cleaning cycle.

Note: The robot cannot be turned off when it is being charged.

Starting Cleaning

Press the ⏻ button to start cleaning. The robot will plan its cleaning route according to its scan of the room. It splits a room into zones, first draws out zone edges, and then fills the zone in a zigzag pattern. In so doing, the robot cleans all zones one by one, efficiently cleaning the house.



Notes:

. To allow the robot to automatically vacuum and return to the dock, start the robot from the dock. Do not move the dock during cleaning.
. Cleaning cannot start if the battery level is too low. Allow the robot to charge before starting the cleanup.
. If cleaning is completed in less than 10 minutes, the area will be cleaned twice.
. If the battery runs low during the cleaning cycle, the robot will automatically return to the dock. After charging, the robot will resume where it left off.
. When the mop mount is attached, the robot will retract it when cleaning the carpet. You can also set the carpet as a no-go zone in the app to avoid it.
. Before starting each mopping task, make sure that the VibraRise mop has been properly installed.

Spot Cleaning

Press and hold ⌂ and ⏻ buttons simultaneously to start spot cleaning. The robot cleans a 1.5 m (4.9 ft) x 1.5 m (4.9 ft) square area centered on itself.

Note: After spot cleaning, the robot will automatically return to the starting point and enter Standby mode.

Mop Only

Press the button to start mopping only. The main brushes rise and the main brushes and fan stop operating.

Note: Compared with traditional cleaning mode, noise occurred by Mop Only is much lower.

Pause

When the robot is running, press any button to pause it, press the button to resume cleaning, and press the 0 button to send it back to the dock.

Note: Placing a paused robot on the dock manually will end the current cleanup.

Sleep

If the robot is paused for over 10 minutes, it will go to sleep, and the power indicator will flash every few seconds. Press any button to wake the robot up.

Notes:
. The robot will not go to sleep when it is charging.
. The robot will automatically shut down if left in sleep mode for more than 12 hours.

Mop Washing

During cleaning, the robot automatically determines when it should return to the dock for mop washing and water tank refilling to maximize its mopping performance. To manually start washing, tap Wash button in the app or press and hold the 0 button on the robot to send it back. Press any button to stop washing.

Notes:
. To allow the robot to wash the mop automatically, start the robot from the dock and do not move the dock during cleaning.
. Mop washing duration and washing mode can be modified in the app.

Emptying

Auto-emptying will automatically begin when the robot returns to the dock after cleaning. To manually start emptying, press 0 button on the docked robot or tap Empty button in the app. Press any button to stop emptying.

Notes:
. When auto-emptying has been left unused for a long period, empty the dustbin manually and make sure the air inlet is clear for optimal emptying performance.
. Auto emptying can be disabled through the app.
. Avoid frequent manual emptying.

Drying

Drying starts automatically after mop washing or after cleaning are completed. To manually start or stopping drying, tap Drying button in the app.

Notes:
. Drying duration can be modified in the app.
. Auto drying can be disabled through the app.

Charging

After cleaning, the robot will automatically return to the dock to charge.

In Pause mode, press the 0 button to send the robot back to the dock. The power indicator will pulse as the robot charges.

Note: If the robot fails to find the dock, it will automatically return to its starting location. Place the robot on the dock manually to recharge.

DND Mode

The default Do Not Disturb (DND) period is from 22:00 to 08:00. You can use the app to disable the DND mode or modify the DND period. When DND mode is activated, the robot will not automatically resume cleanup, the power indicator light will dim, and the volume of the voice prompts will lower.

Child Lock

Press and hold the button to enable/disable the child lock. You can also set it in the app. Once enabled, the robot will not react to button presses when it is stationary. When the robot is cleaning or docking, press any button to stop it.

Error

If an error occurs, the power indicator light on the robot will flash red or status indicator light on the dock will be steady red. A pop-up notification will receive in the app and a voice alert may sound.

Notes:

- The robot will go to sleep automatically if left in a malfunctioning state for over 10 minutes.
- Placing a malfunctioning robot on the dock manually will end the current cleanup.

System Reset

If the robot does not respond when a button is pressed or cannot be turned off, reset the system. Press the Reset button, and the robot will reset automatically.

Note: After resetting the system, scheduled cleaning, WiFi, etc. will be restored to factory settings.

Restore Factory Settings

If the robot does not function properly after a system reset, switch it on. Press and hold the 0 button and at the same time, press the Reset button until you hear the “Restoring factory settings” voice prompt. The robot will then be restored to factory settings.

C Routine Maintenance

C1 Main Brushes

* Clean every 2 weeks and replace every 6-12 months.

C1-1—Main Brushes
C1-2—Main Brush Cover
C1-3—Latches
C1-4—Main Brush Bearing
C1-5—Main Brush Caps
C1-6—Turn over the robot and press the latches to remove the main brush cover.
C1-7— Remove the main brushes and pull out the main brush bearing.
C1-8— Pull out the main brush caps.
C1-9—After removing the tangled hair or dirt at both ends of the main brushes, reinstall it.
C1-10— Press on the main brush cover until you hear it lock the brush in place with a click.

Notes:

- Main brushes should be wiped down with a wet cloth and left to dry away from direct sunlight.
- Do not use corrosive cleaning fluids or disinfectants to clean the main brushes.

C2 Side Brush

* Clean monthly and replace every 3-6 months.

1. Unscrew the side brush screw.
2. Remove and clean the side brush. Reinstall the brush and tighten the screw.

C3 Omnidirectional Wheel

* Clean as required.

C3-1— Use a tool, such as a small screwdriver, to pry out the axle and take out the wheel.

Note: The omnidirectional wheel bracket cannot be removed.

C3-2— Rinse the wheel and the axle with water to remove any hair and dirt. Dry and reattach the wheel, pressing it firmly in place.

C4 Main Wheels

* Clean monthly.

Clean the main wheels with a soft, dry cloth.

C5 Dustbin

* Clean as required.

C5-1— Open the top cover of the robot and press the dustbin latch to take out the dustbin.

C5-2— Press the cover latch to open the dustbin cover and remove the washable filter, then empty the dustbin.

C5-3— Fill the dustbin with clean water and close the cover. Gently shake the dustbin, and then pour out the dirty water.

Note: To prevent blockage, only use clean water without any cleaning liquid.

C5-4— Leave the dustbin and the washable filter to dry.

C6 Washable Filter

* Clean every 2 weeks and replace every 6-12 months.

C6-1— Open the filter cover and remove the filter.

C6-2— Rinse the filter repeatedly and tap it to remove as much dirt as possible.

Note: Do not touch the surface of the filter with your hands, brush, or hard objects to avoid potential damage.

C6-3— Allow 24 hours for the filter to dry thoroughly and reinstall it.

Note: Purchase an additional filter and alternate if necessary.

C7 VibraRise Mop Cloth

* Clean after each use and replace every 3-6 months.

C7-1— Remove the VibraRise mop cloth from the VibraRise mop mount. Clean the VibraRise mop cloth and air-dry it.

Note: A dirty VibraRise mop will affect the mopping performance. Clean it before use.

C8 Robot Sensors

* Clean as required.

Use a soft,dry cloth to wipe and clean all sensors, including:

C8-1— Wall Sensor

C8-2— Reactive 3D Obstacle Avoidance Sensor

C8-3— Carpet Sensor

C8-4— Cliff Sensors

C8-5— Mop Wash Sensor

C9 Charging Contact Areas

* Clean as required.

Use a soft dry cloth to wipe the charging contacts on the robot and the dock.

Battery

The robot is equipped with a built-in high-performance lithium-ion rechargeable battery pack. To maintain battery performance, keep the robot charged during normal use.

Note: If the robot will be left unused for a long period, turn it off and charge it at least every three months to avoid battery damage caused by over-discharge.

C10 Moving the Dock

Remove the water tanks and the dustbin before moving the dock. Grip the handle on the back with one hand and the inner side of the front, as shown. Do not grip the base because it is not designed for lifting.

C11 Dirty Water Tank

* Clean as required.

Clean the dirty water tank as needed. Open the dirty water tank lid and pour out the dirty water. Fill the tank with clean water, close the lid, lock it, and shake. Pour out the dirty water. Close the lid and then re-install.

C12 High-Speed Maintenance Brush

* Clean as required and replace every 6-12 months.

Lift the high-speed maintenance brush latch and remove the brush, as shown below. Remove any entangled objects in the high-speed maintenance brush and rinse it clean. Reinstall the brush and latch it in place.

C13 Water Filter

* Clean as required.

Unlock the water filter and remove it from dock. Unlock the filter latch, rinse the filter clean. Use a soft, dry cloth to wipe the cleaning tank, and then reinstall the filter. Press down the filter until you hear it lock with a click.

C14 Replacing the Disposable Dust Bag

* Replace the disposable dust bag when it is full.

C14-1— Lift the dustbin and remove the bag vertically as shown.

Note: Pulling the dust bag handle to remove the bag will seal the bag to prevent leakage.

C14-2— Discard the dust bag and clean around the filter with a dry cloth.

C14-3— Slot in a new disposable dust bag as shown. Slide until it reaches the bottom of the slot and reinstall the dustbin securely.

Note: Always install a dust bag before putting back the dustbin top lid to avoid auto-emptying without the bag. You can also disable auto-emptying in the app.

C15 Cleaning the Air Duct

* Clean as required.

Follow the following steps to clean the air duct and avoid blockages.

C15-1— Remove the clean water tank, dirty water tank, and dustbin.

C15-2— Remove the water filter and wipe off any water marks with a cloth.

C15-3— Grasp the sides of the dock base upward to disassemble and check any blockage. Clean the air inlet with a cotton swab if it gets blocked and wipe it with a dry cloth.

C15-4— Carefully place the dock upside down on a hard floor covered with a soft towel.

C15-5— Unscrew the three screws and remove the cover.

C15-6— Wipe the air duct and duct cover with a dry cloth.

C15-7— Reinstall the cover and screw it back in place.

Environment Protection Information

Removing the Battery

* The following information applies only when disposing of the robot and should not be followed for day-to-day operations.

The chemical substances contained in the built-in lithium-ion battery of this product can cause environmental pollution. Remove the battery before disposing of this product and hand it to a professional battery recycling facility for centralized disposal.

1. Operate the robot without connecting to the dock until it runs out of battery.
2. Turn off the robot.
3. Unscrew the battery cover.
4. Remove the battery cover.
5. Press the latch to pull out the battery connector and remove the battery.

Notes:

. Before removing the battery, make sure it is fully drained. Do not attempt to remove the battery if the robot is connected to the dock.

. Remove the entire battery pack. Avoid damaging the battery pack casing to avoid short-circuits or leakage of hazardous substances.

. In the event of accidental contact with battery fluid, rinse thoroughly with water and seek immediate medical care.

Basic Parameters

Robot

Model	S81USP
Battery	14.4V/5200mAh (TYP) lithium-ion battery
Rated Input	20V⎓ 1.5A
Charging Time	Approx. 4 hours

Note: The serial number is on a sticker on the underside of the robot.

Empty Wash Fill Dock

Model	EWFD07LRR, EWFD08LRR
Rated Input Voltage	120V~
Rated Frequency	60Hz
Rated Input (Dust Collection)	9.5A
Rated Input (Non-Dust Collection)	1.2A
Rated Output	20V⎓ 1.5A
Charging Battery	14.4V/5200mAh (TYP) lithium-ion battery

Common Issues

Problem	Solution
Unable to power on	. The battery level is low. Put the robot on the charging dock and charge it before use. . The battery temperature is too low or too high. Only use the robot within the range of 4-40°C (39-104°F).
Unable to charge	. Check the power indicator light turns on and that both ends of the power cable are properly connected. . If contact is poor, clean the contact areas on the charging dock and the robot.
Slow charging	. When used at high or low temperatures, the robot will automatically reduce its charging speed to extend battery life. . The charging contacts may be dirty. Wipe them with a dry cloth.
Unable to dock	. There are too many obstacles near the charging dock. Move it to an open area. . The robot is too far from the charging dock. Place it closer and retry.
Abnormal behavior	. Restart the robot.
Noise during cleaning	. The main brushes, side brush, main wheels, or omnidirectional wheel may be jammed. Turn off the robot and clean them. . VibraRise system abnormal. Check for jammed objects.
Unable to connect to WiFi	. WiFi is disabled. Reset the WiFi and try again. . The WiFi signal is poor. Move the robot to an area with good WiFi reception. . Abnormal WiFi connection. Reset the WiFi, download the latest mobile app, and retry. . The current Roborock robot is not supported. You can find supported models in the app. . Unable to connect to WiFi abruptly. There may be an error with your router settings. Contact Roborock customer service for additional support.
Poor cleaning ability or dust falling out	. The dustbin is full and needs emptying. . The filter is blocked and needs cleaning. . The main brushes are jammed and needs cleaning.
Scheduled cleaning is not working	. Keep the robot charged. Scheduled cleaning can only begin when the battery level is above 20%.
Is power always being drawn when the robot is on the charging dock?	. The robot will draw power while it is docked to maintain battery performance, but power consumption is minimal.
Does the robot need to be charged for at least 16 hours the first three times it is used?	. No, the robot can be used any time after it has been fully charged.
1. No or little water during mopping 2. Pump vibrates, but no water comes out of the	1. Check whether there is water in the water tank and use the mobile app to set the scrub intensity or check the manual for full instructions on how to correctly install the mop cloth and mop mount.

tank	2. (1) take out clean water tank from the Ultra dock, and check if the rubber seal is still in place. (2) Then open the clean water tank to check if there's a water tube leading to the filter at the bottom of the water tank. (3) If they're in place, please buckle the clean water tank, and put it back. Please make sure the dirty water tank and clean water tank are placed properly. If seen from the side, they should be on the same level. (4)Unplug the dock, and replug it to start manual mop washing one more time. (5)There's a small vent hole on top of the clean water tank lid. Make sure it's not blocked.

Problem	Solution
Cleaning does not resume after recharging	. Make sure that the robot is not in DND mode. DND mode will prevent cleanup. When cleaning a space requiring a top-up charge, if the robot was placed manually on the charging dock before it returned to the dock automatically, it will not be able to continue cleanup.
The robot cannot return to the charging dock after spot cleaning or when it has been moved manually	. After spot cleaning or a significant position change, the robot will re-generate the map. If the charging dock is too far away, it may not be able to return to recharge and must be placed on the charging dock manually.
The robot has begun to miss certain spots	. The wall sensor or cliff sensors may be dirty. Wipe them with a soft dry cloth.
The LED status indicator light on the dock is steady red.	. The dustbin or dust bag is not in place. Check and correct installation. . Voltage error. Check that local voltage meets the requirements listed on the dock. . Check clean water tank placement or refill as required. . Check dirty water tank placement or empty as required. . Check that the water filter has been correctly installed.
Reduced emptying performance or unusual noise when emptying.	. The main brushes or main brush cover is not properly installed. Check and correct installation. . The filter, air duct, suction inlet, air inlet, or dustbin is blocked. Clean to remove blockages.
Robot voice alert: Error 42. Maintenance brush jammed. Clean it and remove blockages.	. If the brush stops at the left side, it may be jammed. Remove any items jamming it. . If the brush stops at the right side, the filter may be blocked or is not installed in place. Clean and correct installation.
Reduced mop washing performance.	. The mop is not attached properly. Reinstall. . The floor is dirty. Change the mop washing mode to “Deep” in the app for better cleaning.
Auto-emptying is not working.	. Auto-emptying is disabled. Check in-app settings. . Dock dustbin is not installed. Check and install. . Auto-emptying will not be triggered if the robot returns to the dock without cleaning. . The robot will not auto-empty after returning to the dock in Do Not Disturb (DND) mode. Adjust cleaning or DND duration, or start emptying manually.
The mop is not washed.	. The mop will not be washed if not used. . The robot will not return to the dock for mop washing if it does not start from the dock or no dock is found on the app map. . Check tank placement and refill or empty as required. . Check that the water filter has been correctly installed.
Poor drying effect.	. Auto Drying is disabled in the app. Check and enable. . Drying will stop if any button pressed on the robot or robot departs from the dock during drying. . The humidity of ambiance is high, set a longer drying duration though app to get a better drying effect.