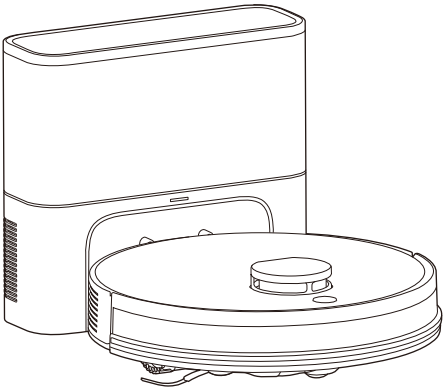
ILIFE-A30s Plus

Robotic vacuum cleaner

User Manual



For more detailed information,
please visit: www.iliferobot.com | ILIFE

Dear Customer,

Thank you for purchasing the ILIFE A30s Plus Robotic Vacuum Cleaner! You've joined the millions of people cleaning with robots - the smartest way to do it.

Please take a few moments to read through this manual and familiarize yourself with your robot to achieve the best performance. If you encounter any issues with your robot, feel free to contact our customer service or visit our website at www.iliferobot.com for further assistance. Stay connected with us on “X” to enjoy these exclusive benefits:

- Get tailored support for your specific robot, including answers to your questions, maintenance tips, video demonstrations, live chat, and more.
- Receive product updates and other valuable information, be among the first to discover new robots, exclusive discounts, and special promotions.

Connect with us now on X: https://x.com/ilife_Global

Enjoy comprehensive cleaning every day!
Best regards,
ILIFE Innovation

ILIFE Customer Service

1-800-631-9676 (Toll free for USA & Canada)
Mon-Fri: 8:00 - 16:30 CST

service_us_ca@iliferobot.com (North America)
service_mx@iliferobot.com (Mexico)

Contents

1. Safety Information 4

2. About Your A30s Plus 6

2.1 What's in the Box 6

2.2 Technical Specifications 7

2.3 Product Overview 8

2.4 Buttons and Indicator Lights Instruction 10

2.5 Remote Control Guide 11

3. Getting Started 12

3.1 Important Pre-Cleaning Notes 12

3.2 Installing and Using the Self-Empty Station 13

3.3 Charging the Robot 14

4. Using the ILIFE Clean App 15

4.1 Downloading the App 15

4.2 Wi-Fi Pairing Modes 16

4.3 Map Management 17

4.4 Setting No-Go Zones 18

4.5 Scheduled Cleaning 18

4.6 Selecting Cleaning Modes (Smart/Room/Zone/Spot modes) 19

4.7 Dust Collection Frequency 21

4.8 Cleaning Plan Customization(Suction Adjustment/Rooms Sequence) 21

5. Voice Assistant Setup (Alexa/Google Assistant) 22

6. Cleaning & Maintenance 23

6.1 Maintenance Frequency 23

6.2 Cleaning the Dustbin & Filter 23

6.3 Cleaning the Roller Brush 24

6.4 Cleaning the Side Brush and Wheels 24

6.5 Cleaning Sensors and Charging Pins 25

6.6 Cleaning the station and Replacing the Dust Bag 25

6.7 Battery Care and Activation 26

7. Troubleshooting 27

7.1 Voice Alerts & Error Codes 27

7.2 Self-Empty Station Issues 27

7.3 App Issues 28

7.4 Robot Issues 28

8. FCC Warning 30

1.1 Safety Information

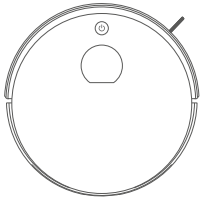
Important Safety Instructions

- This appliance 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 appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Remove hazards such as power cords, small items, or loose objects from the floor before cleaning.
- Fold carpet tassels under the rug and lift hanging curtains or tablecloths off the floor.
- For staircases or elevated areas, test whether the robot detects edges. Use barriers if necessary.
- Use only manufacturer-recommended accessories, original rechargeable battery and the station.
- Ensure the voltage matches the specifications on the station.
- This device is for indoor home use only. Do not use outdoors or in commercial environments.
- Do not use water to rinse the device or wipe it with a wet cloth.
- Do not operate the robot on wet or flooded surfaces.
- Do not use near open flames or fragile items.
- Keep hair, fingers, and loose clothing away from moving parts and openings.
- Do not vacuum hard, sharp, flammable, or burning objects.
- Do not use a damaged station or power cord.
- Keep the power cord away from heat sources and do not allow the robot to run over it.
- Ensure the dustbin and filter are installed correctly before use.
- Do not operate in a room where an infant is sleeping.
- Stop using the device if it has been dropped, damaged, exposed to water, or used outdoors. Contact customer service.
- Not suitable for high-pile carpets or certain dark-colored carpets.

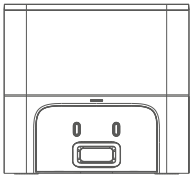
Danger – Critical Safety Warnings

- Disconnect the product from power if not used for a long period.
- Before maintenance, always unplug the charging adapter or disconnect the power cord of the self-empty station.
- WARNING: Non-rechargeable batteries must not be recharged.
- This appliance contains batteries that are only replaceable by skilled persons.
- If any battery leakage is found, stop using the product immediately and contact the after-sales service center for assistance.
- To avoid hazardous situations caused by accidental reset of the thermal protection device, this appliance must not be supplied with power via an external switching device (such as a timer) or connected to a circuit that is frequently switched on and off by public utility services.
- Do not use the robot in areas where flammable substances (such as gasoline, powder, etc.) are present. Do not use the robot to pick up any burning materials such as cigarettes, ashes or matches, or any items that may cause a fire.
- If the power cord is damaged, it must be replaced by the manufacturer or authorized agent.
- Maintain at least 20 cm distance between the antenna and your body during operation.
- Before discarding the product, power it off and remove the battery.
- Dispose of batteries according to local regulations.
- Do not incinerate the product or battery even if damaged.
- Use the product only as described in this manual. ILIFE is not responsible for loss or injury from misuse.

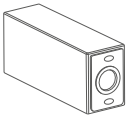
2.1 What's in the Box



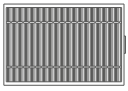
Robot Vacuum



Self-Empty Station



Dust Bags ×2



High Performance Filter



Extra Side Brush



Remote Control



AAA Battery X2



Cleaning Brush



User Manual

Note:
Product illustrations in this manual are for reference only. Due to updates and improvements, actual products may differ slightly from illustrations.

2.2 Technical Specifications

Robot

Specification	Details
Model	A30s Plus
Dimensions	330 × 330 × 95 mm
Battery Type	Li-ion
Charging Time	< 360 min
Dustbin Capacity	0.2 L
Net Weight	2.7 kg

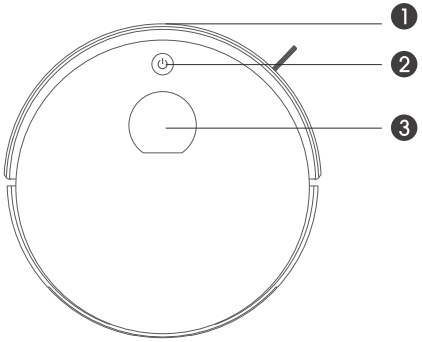
Self-Empty Station

Specification	Details
Model	P300
Dimensions	290 × 95 × 265 mm
Rated Input	120V~60 Hz
Rated Output	19V ⎓ 0.6A
Dust Bag Capacity	2.2 L
Net Weight	1.86 kg

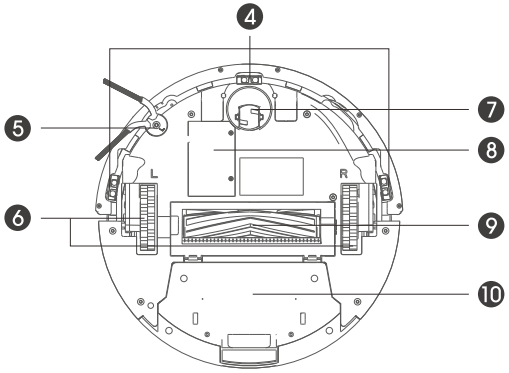
Note:
Specifications are subject to change without notice as we continuously improve our products.

2.3 Product Overview

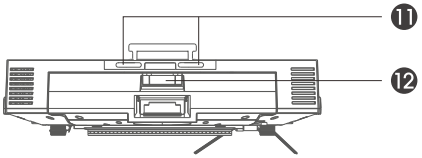
Robot Components



1. Obstacle Sensor
2. Start/Pause Button
3. LiDAR Sensor

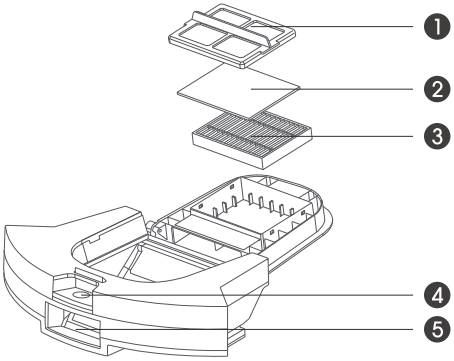


4. Cliff Sensors
5. Side Brush
6. Side Wheels
7. Nose Wheel
8. Battery Compartment
9. Roller Brush
10. Dustbin
11. Charging Pins
12. Dustbin Release Button



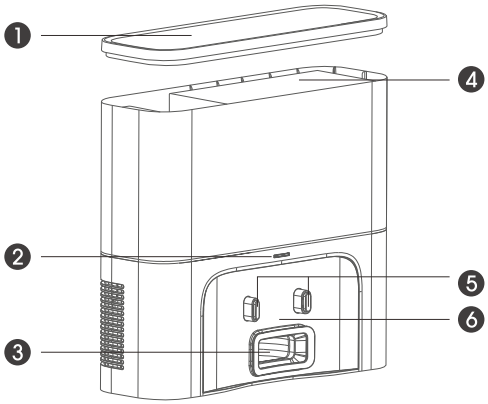
Dustbin

1. Primary Filter
2. Sponge Filter
3. High Performance Filter
4. Dustbin Release Button
5. Dust Outlet



Self-Empty Station Components

1. Top Cover
2. Status Indicator Light
3. Dust Inlet
4. Dust Bag
5. Charging Pins
6. Lens Sensor



2.4 Buttons and Indicator Lights Instruction

Robot

- **Robot Button Instruction**

Button	Operation	Function
Power	Press and hold 2 seconds	Power on
	Short press	Start/Pause cleaning
	Press and hold 3 seconds	Power off
	Quick double presses	Return to station
	Press and hold 25 seconds	System reset

- **Robot Indicator Lights Instruction**

Light Color	Status	Description
Green	Solid	Sufficient battery
	Breathing	Standby mode
Orange	Blinking	Low battery
	Breathing	Charging
Red	Flashing	Error

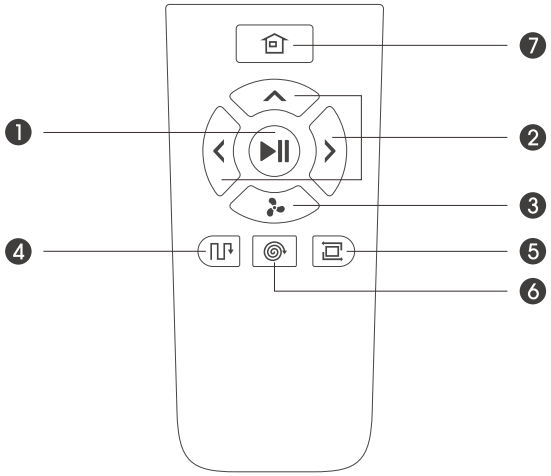
Self-Empty Station

- **Self-Empty Station Indicator Lights Instruction**

Light Color	Status	Description
Green	Solid	Robot fully charged
	Breathing	The station is powered on
Orange	Blinking	Dust collection in progress
	Breathing	Robot charging
Red	Flashing	No dust bag
Off	No light	Sleep mode

2.5 Remote Control Guide

Before using the remote, insert two AAA/R03 batteries.
Remove the batteries if not used for a long time.



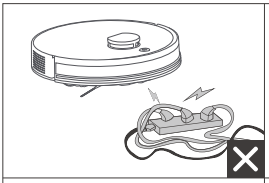
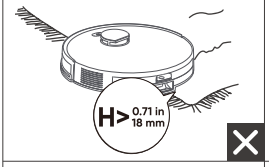
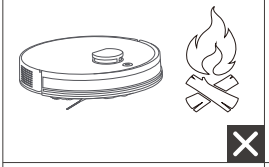
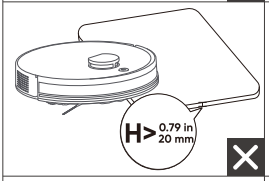
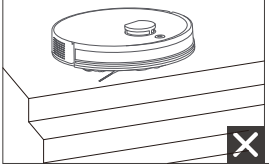
- **Remote Control Buttons**

Button	Function
1 Power	Wake the robot from sleep / Start or pause cleaning
2 Direction	In standby mode: Forward, Left, Right (Not functional during running)
3 Suction	Switch Suction Level by Each Press: Standard → Strong → Max → Silent → Standard
4 Path Mode	Starts standard zigzag cleaning across the entire area
5 Edge Mode	Cleans along walls and furniture edges
6 Spot Mode	Deeply cleans a 1.5m × 1.5m area in a spiral pattern
7 Home	Send the robot back to the station manually

3.1 Important Pre-Cleaning Notes

Daily Use Encouraged
Frequent use helps the robot learn your home layout for more efficient path planning and reduced missed spots.

Follow these guidelines before each use to protect your home and maximize the robot's cleaning efficiency:

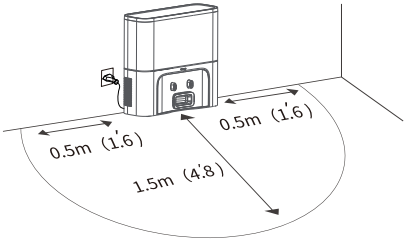
	**A. Remove loose items from the floor** Clear cables, clothing, or small objects that could get tangled in the wheels or brush.
	**B. Fold the rug's tassel trim underneath** Prevent tangling during cleaning. Avoid using on high-pile or thick rugs (>18mm or 0.71").
	**C. Block off dangerous zones** For areas like fireplaces, vents, or staircases, place physical barriers or set "No-Go Zones" in the app.
	**D. Avoid use on floor with excessive water** Avoid vacuuming large amounts of water as it will potentially damage the robot.
	**E. Obstacle height limit** The robot can climb over thresholds up to 20mm (0.79").
	**F. Cliff sensor limitations** Although the robot includes anti-drop sensors, performance may decrease on dark carpets or reflective surfaces, or in the situation the sensors get stained. Use physical barriers as needed.

3.2 Installing and Using the Self-Empty Station

Installation Steps

- **Placement Guidelines**

1. Place the station on a hard, flat surface against a wall.
2. Ensure there are no obstacles within 1.5 meters in front and 0.5 meters on both sides.
3. Avoid placing it in areas with strong sunlight or reflective surfaces.
4. Keep it away from places where pets sleep to avoid noise disturbance.

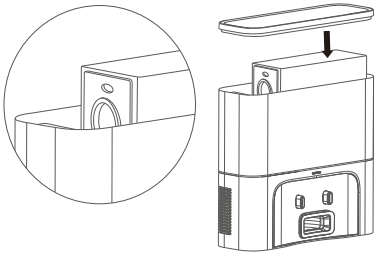


- **Power Connection**

Plug in the power cable. Once powered, the station's indicator light will turn on.

- **Dust Bag Installation**

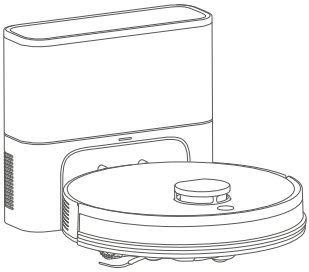
1. Open the top cover of the station.
2. Insert the dust bag with the small hole facing up and press it into place firmly.
3. Close the cover. The green light will begin blinking slowly, indicating standby mode.



How Self-Emptying Works

- **Self-Emptying Triggered Automatically**

Once the robot returns to the station and the charging pins align for 3 seconds, the station automatically starts dust collection. The inside fan motor runs for about 15 seconds, indicated by a blinking orange light, and the station is back to standby mode after finished.



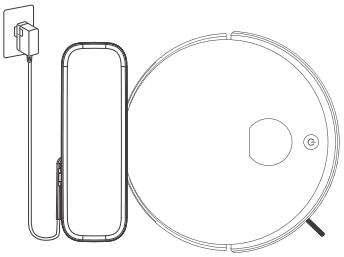
- **Set Self-Emptying Frequency in App**

  In the ILIFE Clean App, you can choose the frequency for how often the auto-emptying is triggered.
  The default option is “Collect dust after each sweep” that means robot returns and starts self-emptying automatically after each cleaning session. You are free to switch to other option like Collect dust after two sweeps or three sweeps.

  Note:
  If the robot returns but fails to start self-emptying automatically, it might be the last cleaning task is less than 5 minutes.

3.3 Charging the Robot

Charging Steps



- **Proper Placement**

  Align the robot with the charging pins on the station.
  When connected properly, the robot’s orange charging light will breathe, indicating it is charging.

- **Charging Completes**

  When all indicator lights turn off, the battery is fully charged.
  Tip: Recharge the robot after each use to extend battery life.

Important Notes

- **In Daily Use**

  1. Make sure the charging pins on the robot and station remain clean to avoid poor contact.
  2. Store the robot on the station with the station powered on.

- **When Not in Use**

  For long-term storage, fully charge the robot, turn it off (press and hold power for 3 seconds), and store it in a dry, ventilated place.

4.1 Download the App

To access all features, it's recommended to control the robot through the ILIFE Clean App.

Network Compatibility
Supports 2.4GHz or dual-band 2.4GHz/5GHz networks.
Does not support 5GHz-only networks.

Step-by-Step Setup

1 Download the App

Scan the QR code or search for "ILIFE Clean" in your app store.

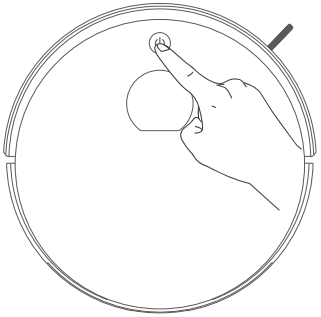
2 Register/Login

Open the app and sign up or log in with your credentials.



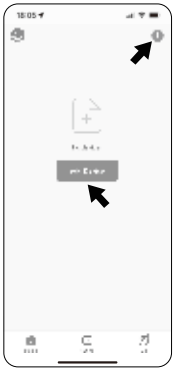
3 Enable Pairing Mode

Press and hold the AUTO button on the robot for 6 seconds. You'll hear "WiFi pairing started" and the WiFi light will start blinking slowly.



4 Add Device

Tap "Add Device" or the "+" icon in the top right corner to begin connecting.



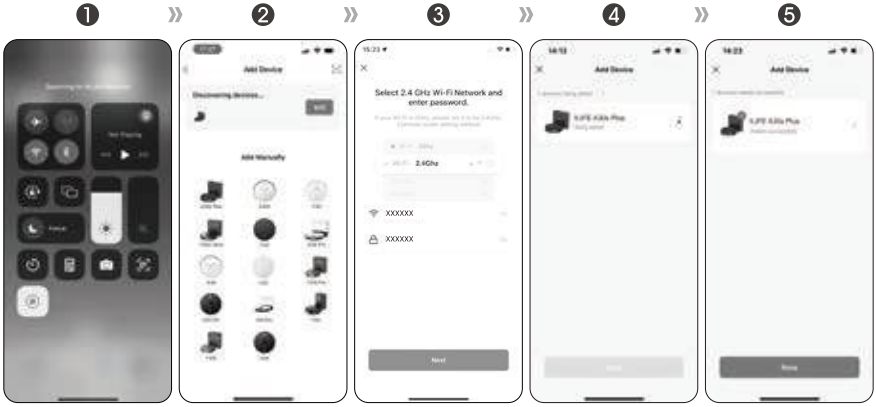
4.2 Wi-Fi Pairing Modes

Bluetooth Pairing Mode

Enable Bluetooth on Your Phone

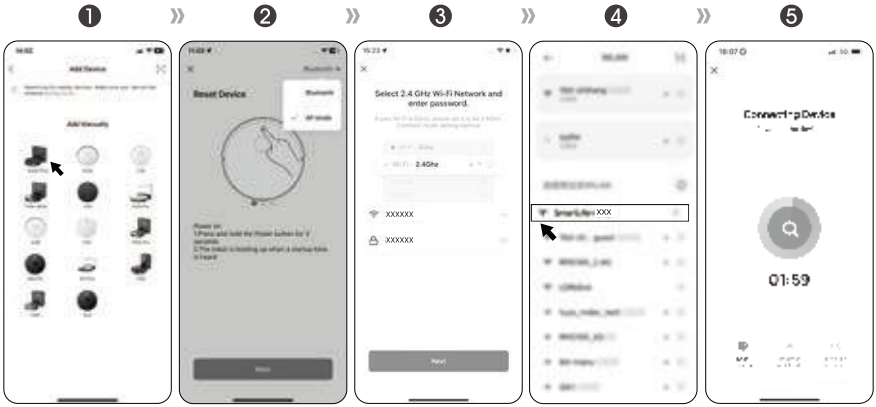
- **Pairing Steps**

1. Go to your phone's settings, turn on Bluetooth and enable Bluetooth permission for ILIFE Clean app .
2. Return to the ILIFE Clean app — the device will appear automatically and tap "Add" to begin.
3. Select your 2.4GHz Wi-Fi network and enter the password to go next.
4. The device starts downloading
5. Device is added successfully and done.



AP (Access Point) Pairing Mode

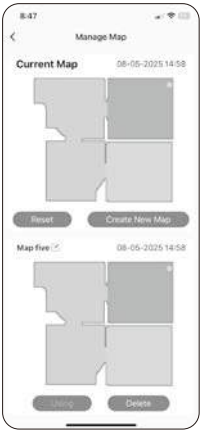
1. In the app, choose your specific robot model.
2. Select “AP Mode”.
3. Choose your 2.4GHz Wi-Fi network and enter the password.
4. Go to your phone’s Wi-Fi settings and connect to a network that starts with “SmartLife”. Return to the app once connected.
5. Wait for the app to complete the device connection process.



4.3 Map Management

How to Access

Open the ILIFE Clean app → Tap “Settings” → Select “Manage Map”



Available Functions

Create/Switch Maps: Perfect for multi-floor homes (up to 5 maps supported).
Reset/Delete Maps: Delete or reset a saved map.

4.4 Setting No-Go Zones

Tip: It's recommended to complete a full-home mapping before setting restricted zones.



Zone Types

No-Go Zone: The robot avoids vacuuming in this area.
Virtual Wall: Acts as an invisible barrier the robot won't cross.

How to Set Zones

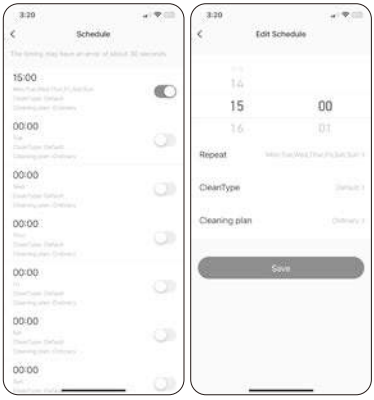
1. Go to "forbidden edit" in the app. →
2. Tap set restricted areas. →
3. Draw your desired zone and select the type. →
4. Save "Settings".

Note: These features are for convenience and do not replace physical barriers in high-risk areas like staircases.

4.5 Scheduling Cleanings

- **Before You Start**

  Ensure the charging station remains powered on. The robot should have sufficient battery charge.



How to Schedule

1. Open the ILIFE Clean app. →
2. Go to Scheduled Cleaning. →
3. Set the desired time and recurrence (e.g., daily or weekly). →
4. Choose your preferred cleaning mode. →
5. Confirm your settings.

After Scheduling

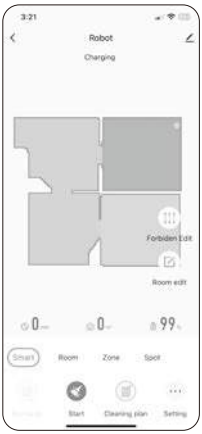
1. The robot will start cleaning automatically at the scheduled time.
2. After cleaning, it will return to the charging station.

4.6 Selecting Cleaning Modes

Start / Pause Cleaning

In the App: Tap the “Start/Pause” button.
On the Robot: Press the power button once to start or pause cleaning.

Tip:
It's recommended to create a full-house map before using room-by-room or zone cleaning.



Smart Cleaning Mode

1. Tap “Start” in the app.
2. The robot will leave the station and automatically plan a cleaning route.
3. It will return to the station when cleaning is complete.



Room Cleaning Mode

Select specific room in the app for targeted cleaning.

Note:
Please refer to 4.8, you can customize suction power and cleaning sequence per room.

Zone Cleaning Mode

1. Draw a rectangular zone on the map in the app.
2. Set the size and number of cleaning passes (e.g., clean 2x).
3. The robot will clean that area and return to the station.



Spot Cleaning Mode

1. For localized messes like pet food or snack spills.
2. Tap the target spot on the map.
3. The robot will deep-clean a 1.5m × 1.5m area in a spiral pattern, then return to the station.



Do Not Disturb Mode

- **Ideal for nighttime or rest hours.**

In the app: Go to “Settings” → “Robot Settings” → Do Not Disturb.

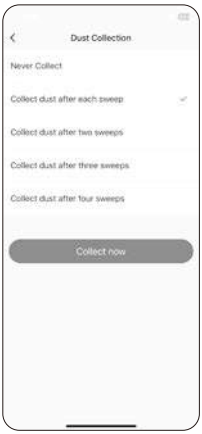
- **Once enabled, the robot will:**

1. The unit will not perform any cleaning tasks within the Do Not Disturb period.
2. Stop self-emptying automatically.
3. Shut down voice prompts.



4.7 Dust Collection Frequency

Adjust in the app via:
“Settings” →“Dust collection” → Frequency
e.g. Collect dust after each sweep;
Collect dust after two sweeps, etc.



4.8 Cleaning Plan Customization

- **Suction Adjustment**

In the app, go to “Cleaning Plan” to adjust suction power (Silent / Standard / Strong / Max).



- **Per-Room Customization**

In the app, go to “Cleaning Plan” → “Plan 1 / Plan 2” to set specific suction power, number of passes and cleaning sequence for each room.



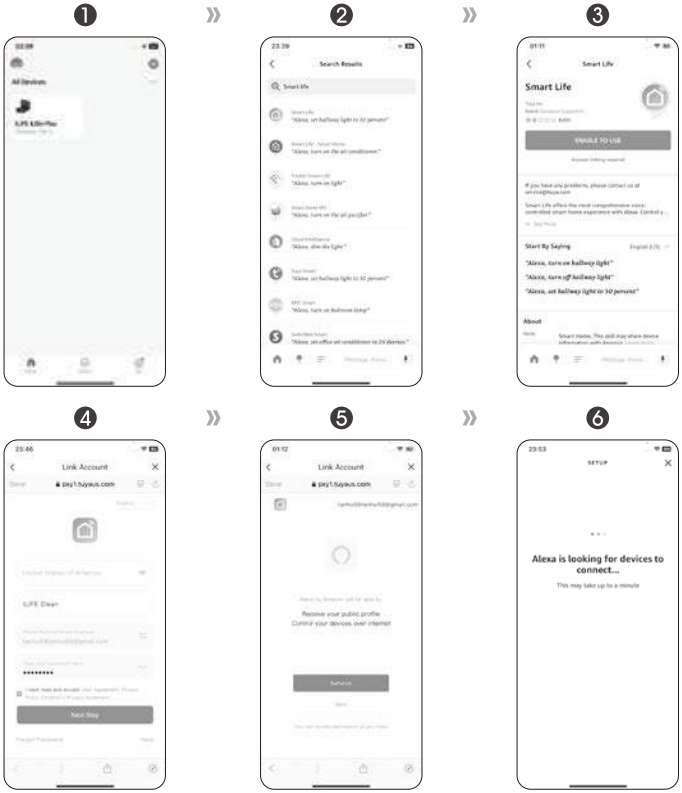
5.1 Voice Assistant Setup (Alexa/Google Assistant)

Before setting up, please make sure:

1. A30s Plus is fully charged and connected to ILIFE Clean app.
2. You own a supported voice assistant device (e.g., Amazon Echo, Google Nest). **These devices are sold separately.**
3. Alexa or Google Home app is installed on your mobile device.
4. You have an active account for your voice assistant.

- **Alexa Setup**

1. Connect your robot to the ILIFE Clean app.
2. Open the Alexa app → Tap Skills & Games → Search SmartLife.
3. Tap “Enable to Use”.
4. Enter your ILIFE Clean account credentials and authorize access.
5. Tap "Authorize".
6. Alexa will search and link your robot automatically.



6.1 Recommended Maintenance Frequency

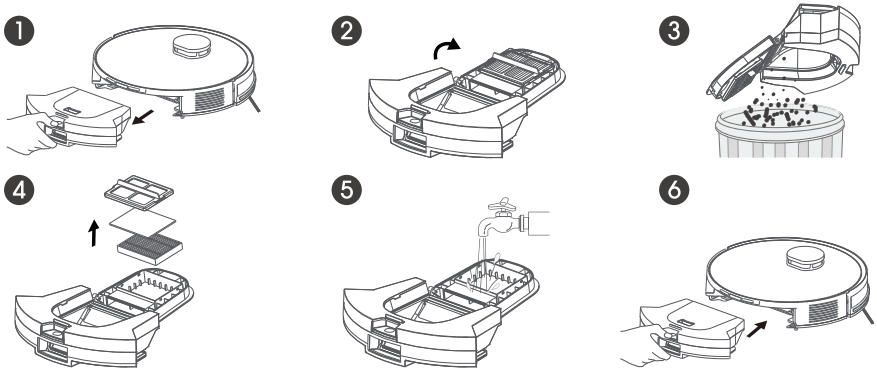
Always turn off the robot and unplug the power adapter before performing maintenance.

Component	Clean Frequency	Replace Frequency
Dustbin	Weekly	N/A
Filter	N/A	Every 1–1.5 months
Side Brush	Weekly	Every 3–6 months (or if damaged)
Roller Brush	Weekly	Every 6 months
Side Wheels	Monthly	N/A
Cliff Sensors	Monthly	N/A
Charging Pins	Monthly	N/A
Disposable Dust Bag	N/A	Every 1–1.5 months (or if damaged)

6.2 Cleaning the Dustbin and Filter

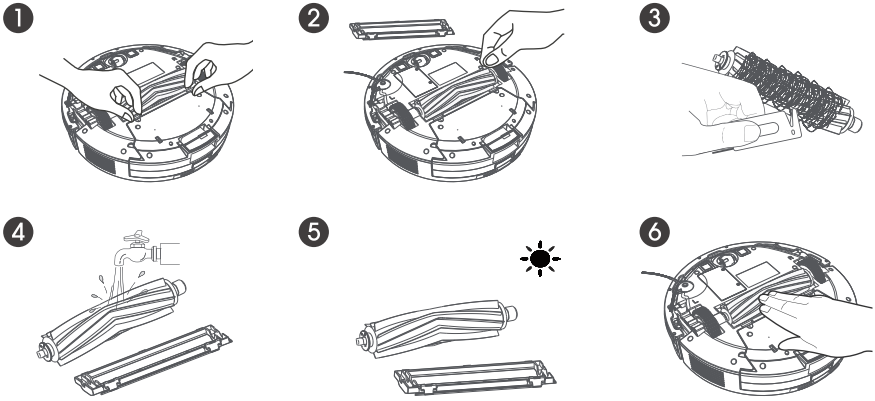
1. Press the release button to remove the dustbin.
2. Open the dustbin lid.
3. Empty the dustbin.
4. Remove the filters and rinse the dustbin with water.
5. Dry thoroughly with a clean cloth.
6. Replace the filter if necessary and reinsert the dustbin.

Note: The filter is unwashable.



6.3 Cleaning the Roller Brush

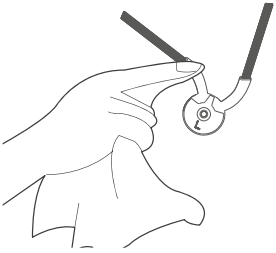
1. Unlock and lift the brush cover.
2. Remove the roller brush by pulling it upward.
3. Use the provided tool to cut away tangled hair or debris.
4. Rinse the roller brush and cover with water.
5. Air-dry those components.
6. Reinstall the roller brush and snap the cover back into place.



6.4 Cleaning the Side Brush and Side Wheels

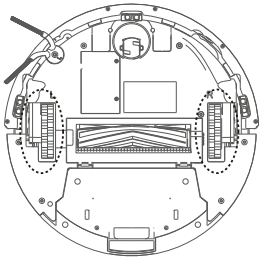
Side Brush

Unscrew and remove the brush. Clear hair or debris wrapped around it.



Side Wheels

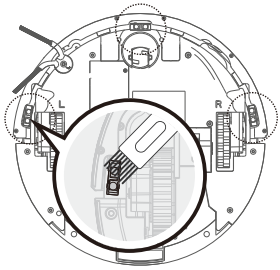
Check and remove any obstructions caught in the wheels.



6.5 Cleaning the Sensors and Charging Pins

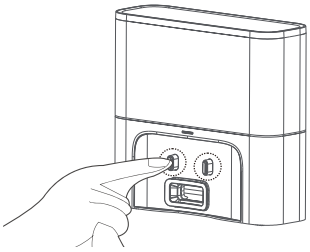
Cliff Sensors

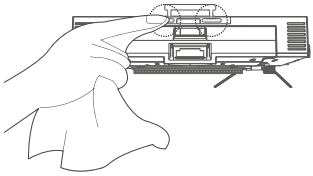
Use a soft brush to gently clean the sensors on the underside of the robot.



Charging Pins

Wipe both the robot's and station's charging pins with a dry cloth to maintain charging efficiency.

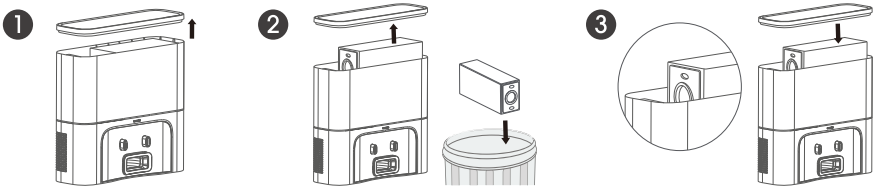




6.6 Replacing the Dust Bag and Cleaning the Station

Replace Dust Bag

1. Open the top cover.
2. Remove and dispose of the used dust bag.
3. Install a new dust bag.



Reminder:

1. Damaged bags can impair performance and damage the station. Check regularly.
2. Check the metal filter at the inside bottom of the station in case of clogging.

6.7 Battery Care and Activation

For Long-Term Storage

1. Charge the robot fully.
2. Power it off (hold the power button for 3 seconds).
3. Store in a dry, ventilated place. Recharge every 3 months to avoid battery degradation.

Battery Activation (After Deep Discharge or Long Inactivity)

1. Align the robot on the charging station.
2. Charge it for 3 minutes and then remove it away.
   Repeat this process 3 times.
3. Then charge continuously for 5–6 hours until it is fully charged when the indicator turns off.

7.1 Voice Alerts & Error Codes

When a malfunction occurs, the robot's indicator light will flash red and a voice alert will play. Use the table below to identify and resolve the issue.

Voice Alert	Possible Cause	Solution
Side wheel/ Side brush blocked	Hair or debris is caught	Check and clean side wheels/brushes
Please check the cliff sensor/Bumper is stuck	Bumper gets caught or stained/cliff sensors get stained	Clear and clean those components
Robot is stuck	Trapped by cords or obstacles	Remove the obstruction
Gyroscope initialization failed	Gyroscope failed to position due to robot skidding	Remove and relocate the robot

7.2 Self-Empty Station Issues

Issue	Possible Cause	Solution
Station not working	Dust bag not installed properly or clogging happens	Reinstall or replace dust bag, or refer to 6.6 to clear inside filter and dust path
Indicator light blink orange but the dust is not emptying	Robot not properly docked	Adjust position to align charging pins

7.3 App Issues

Issue	Possible Cause	Solution
Can't connect to the app	• Incorrect router username/ password	• Re-enter correct Wi-Fi credentials
	• Out of Wi-Fi signal coverage	• Move the robot closer to the router
	• Robot not in pairing mode	• Hold the power button for 6 seconds until "WiFi pairing" prompt is heard
	• Incompatible network type	• Only supports 2.4GHz or mixed 2.4/5GHz networks, not 5GHz-only
	• Wrong app installed	• Use the QR code or app store to download ILIFE Clean app
Map not generated	• The robot does not start cleaning from station	• Start cleaning from charging station
	• Robot was moved during cleaning	• Avoid moving the robot in mid of cleaning
	• Task has not completed	• Let robot finish the cleaning session and return to the station automatically.

7.4 Robot Issues

Issue	Possible Cause	Solution
Can't return to the station	• Improper station placement or power loss	• Please refer to 3.2 on how to place the station correctly
	• The robot does not start cleaning from station	• Suggest to start from station
	• Obstructed return path (e.g., door closed)	• Keep the return path clear

Issue	Possible Cause	Solution
Robot returns before finishing	• Battery gets low in large areas	• Enable "Auto Resume" feature in the app
	• Cleaning coverage may be poor due to complex home layout.	• Tidy the environment for better navigation
Can't charge	• Charging pins not aligned or dirty	• Adjust position and clean pins
	• The station is not powered	• Ensure the station is plugged into a power supply.
	• Battery over-discharged from long storage	• Manually charge 3 times for 3 mins each, then full charge for 5–6 hours
Loud noise during operation	• Brushes or dustbin clogged; in high suction mode	• Clean components or switch to standard mode
Frequently gets stuck	• Tangled in wires/ carpet fringe or get stuck under low furniture	• Tidy up or use virtual walls in app
Skipped or repeated cleaning areas	• The floor is too much cluttered	• Tidy up the cables, shoes
	• The robot can not navigate correctly due to wheel is skidding in failure to climb the threshold, or on a slippery floor	• Close doors to problematic rooms to avoid threshold, avoid waxed floors
	• Top LiDAR does not work due to dust or foreign objects caught on sensor	• Clean the LiDAR with soft cloth

***If the issue persists:**

1. Press and hold the power button for 3 seconds to turn off, then press for 2 seconds to restart.
2. If still unresolved, please contact customer support.

8.1 FCC Warning

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. lf this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- lncrease the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.