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## Yigars Y580

# Yigars Y580 Robot Vacuum Cleaner User Manual

Model: Y580

## INTRODUCTION

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Thank you for choosing the Yigars Y580 Robot Vacuum Cleaner. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and retain it for future reference.

The Yigars Y580 is designed to provide efficient and intelligent cleaning for various floor types, featuring advanced laser navigation, smart mapping capabilities, and a 3-in-1 vacuuming, sweeping, and mopping function.

## IMPORTANT SAFETY INSTRUCTIONS

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Before using this product, please read all safety instructions. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- 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 shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Do not use the robot in environments with open flames or explosive materials.
- Ensure the charging dock is placed on a level surface against a wall, with adequate space around it.
- Do not immerse the robot or its charging dock in water or other liquids.
- Unplug the charging dock during lightning storms or when not in use for extended periods.
- Only use the original power adapter and charging dock provided by the manufacturer.
- Before cleaning, remove any loose cables, small objects, or fragile items from the floor to prevent entanglement or damage.
- Do not operate the robot on wet surfaces or in areas with standing water.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Do not use the robot to pick up large debris, broken glass, or hazardous materials.

- Regularly clean the brushes and filters to maintain optimal performance.

## PACKAGE CONTENTS

Verify that all components are present and in good condition upon unpacking.

- Yigars Y580 Robot Vacuum Cleaner
- Charging Dock
- Power Adapter
- Side Brushes (2 pairs)
- High-Efficiency Filter (1 extra)
- Cleaning Tool
- User Manual



Image 1: The Yigars Y580 Robot Vacuum Cleaner, including the main unit, charging dock, two pairs of side brushes, and an extra high-efficiency filter.

## PRODUCT DIAGRAM

Familiarize yourself with the main components of your Yigars Y580 Robot Vacuum Cleaner.

### Top View

- LDS Laser Navigation Sensor: For precise mapping and navigation.
- Power/Clean Button: Press to start/pause cleaning, hold to power on/off.
- Recharge Button: Press to send the robot back to the charging dock.
- Dustbin Release Button: To remove the dustbin.

## Bottom View

- Side Brushes: For sweeping edges and corners.
- Main Brush: For deep cleaning carpets and hard floors.
- Driving Wheels: For movement.
- Universal Wheel: For directional changes.
- Charging Contacts: For connecting to the charging dock.
- Cliff Sensors: To detect drops and prevent falls.
- Water Tank/Mop Pad Slot: For mopping function.



Image 2: Illustration of the Yigars Y580's 3-in-1 vacuuming, sweeping, and mopping capabilities, highlighting its 2700Pa suction power and effectiveness on various debris types.

## SETUP GUIDE

## 1. Unpacking and Placement

1. Remove all packaging materials and protective films from the robot and charging dock.
2. Place the charging dock against a wall on a hard, level surface. Ensure there is at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (4.9 feet) in front of the dock.
3. Connect the power adapter to the charging dock and plug it into a wall outlet. Ensure the power indicator on the dock illuminates.

## 2. Installing Side Brushes

Press the side brushes onto the square posts on the bottom of the robot until they click into place. Ensure the L and R markings on the brushes match the corresponding markings on the robot.

## 3. Initial Charging

Place the robot onto the charging dock, ensuring the charging contacts on the robot align with those on the dock. The robot will automatically begin charging. For first-time use, fully charge the robot for approximately 6 hours.

## 4. App Download and Connection

The Yigars Y580 can be controlled via a mobile application. Search for "Smart Life" or "Tuya Smart" in your app store (iOS/Android) or scan the QR code provided in the quick start guide.

1. Download and install the app.
2. Register an account and log in.
3. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network. The robot does not support 5GHz networks.
4. Follow the in-app instructions to add your Yigars Y580 robot vacuum. This typically involves resetting the robot's Wi-Fi (hold both buttons for 3 seconds until voice prompt) and connecting to its temporary Wi-Fi hotspot.

# APP and Voice Control

Need to connect WiFi, only support 2.4GHz network



Image 3: The Yigars Y580 Robot Vacuum Cleaner demonstrating app and voice control capabilities, compatible with 2.4GHz Wi-Fi networks, Smart Life, Tuya APP, and Alexa.

## OPERATING INSTRUCTIONS

### Starting a Cleaning Cycle

#### Manual Start

Press the Power/Clean button on the robot once. The robot will start cleaning in Auto mode.

#### App Control

Open the mobile app and select your Yigars Y580. You can choose from various cleaning modes:

- **Auto Cleaning:** The robot intelligently maps and cleans your entire home.
- **Zone Cleaning:** Define specific areas on the map for the robot to clean.
- **Sectional Cleaning:** Clean specific rooms or sections of your home.
- **Spot Cleaning:** Direct the robot to clean a concentrated area.
- **Edge Cleaning:** The robot cleans along walls and furniture edges.

### Pausing/Resuming Cleaning

Press the Power/Clean button on the robot or use the app to pause a cleaning cycle. Press again to resume.

### Returning to Charging Dock

Press the Recharge button on the robot or use the app to send the robot back to its charging dock. The robot will automatically return to charge when its battery is low.



Image 4: The Yigars Y580 Robot Vacuum Cleaner demonstrating its ability to create and save up to 5 maps, allowing for precise positioning, accurate mapping, and optimal route planning for scheduled cleanings.

### Smart Features

- **Rapid Mapping:** The robot quickly maps your home environment and can store up to 5 distinct maps.
- **Scheduled Cleaning:** Set specific times for the robot to clean automatically via the app.
- **No-Go Zones/Virtual Walls:** Use the app to define areas the robot should avoid.
- **Obstacle Avoidance:** Equipped with 360° LiDAR laser technology, the robot intelligently navigates around obstacles and can cross thresholds up to 18mm and climb inclines up to 15°.
- **Automatic Recharging:** When the battery level drops to 20%, the robot automatically returns to its charging dock. Once fully charged, it resumes cleaning from where it left off.

# Sweep and mop in one step, the floor is clean in one go

2-in-1 water tank + double-sided brush + roller brush + 2700Pa (three suction levels) + double-disc mop

Provides excellent cleaning results for all floor types, including wood, hard, tiled, and short-pile carpets (pile length should be less than 1.5 cm).

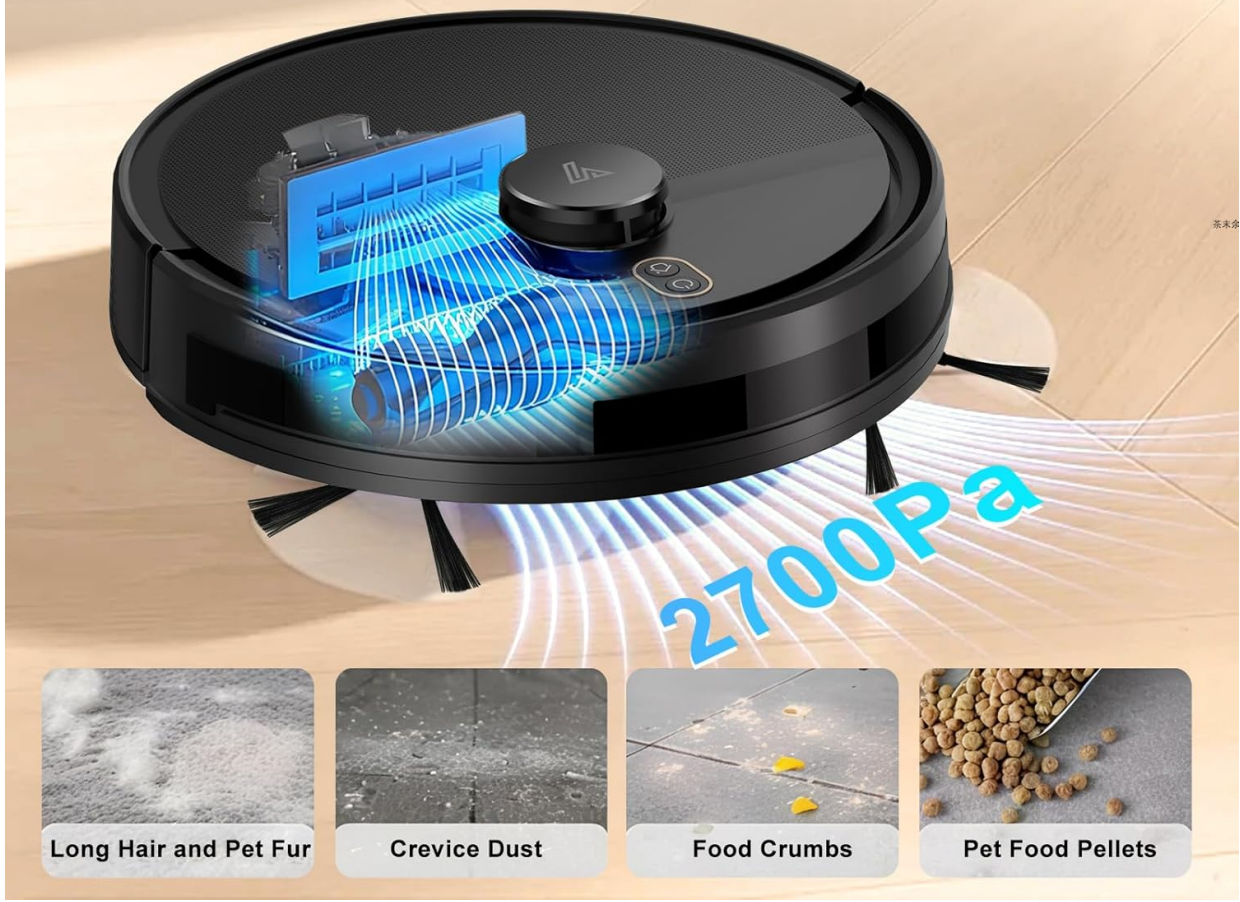


Image 5: The Yigars Y580 Robot Vacuum Cleaner demonstrating intelligent obstacle avoidance with a 6-meter diameter detection range, 360-degree angle, and 18mm obstacle clearance.

# Bring you a smart, convenient and high-quality experience.

It will automatically recharge when the battery level drops to 20%, then return to its original location to resume cleaning once fully charged.



Image 6: The Yigars Y580 Robot Vacuum Cleaner automatically returning to its charging dock when the battery level drops to 20%, then resuming cleaning from its last position after recharging.

## Using the Mopping Function

To use the mopping function:

1. Fill the water tank with clean water. Do not use cleaning solutions that are not approved for robot vacuums.
2. Attach the mop pad securely to the water tank.
3. Slide the filled water tank into the designated slot on the robot.
4. Select a mopping mode or a combined vacuum/mop mode via the app. You can adjust the water output (3 humidity settings) in the app.

**Note: Remove the water tank and mop pad when cleaning carpets or when the robot is not in use to prevent damage to floors or the robot.**

## MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Yigars Y580 Robot Vacuum Cleaner.

## Dustbin and Filter

Empty the dustbin after each use. Clean the high-efficiency filter weekly (or more often depending on usage) by tapping it gently to remove dust. Do not wash the high-efficiency filter with water. Replace the filter every 3-6 months.

## Water Tank and Mop Pad

Empty any remaining water from the tank after each mopping cycle. Wash the mop pad with water and allow it to air dry completely before reattaching or storing.

## Main Brush

Remove the main brush cover and lift out the main brush. Use the provided cleaning tool to remove hair and debris tangled around the brush. It is recommended to clean the main brush weekly.

## Side Brushes

Check the side brushes weekly for tangled hair or debris. If they are bent or damaged, replace them. It is recommended to replace side brushes every 3-6 months.

## Sensors and Charging Contacts

Wipe the cliff sensors, charging contacts on the robot and charging dock, and the LDS laser sensor window with a clean, dry cloth monthly to ensure proper function.

## TROUBLESHOOTING

If your Yigars Y580 encounters an issue, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Robot does not power on.	Low battery; Power button not pressed correctly.	Place robot on charging dock to charge. Press and hold Power button for 3 seconds.
Robot cannot find charging dock.	Charging dock obstructed; Robot too far from dock.	Ensure clear space around dock. Manually place robot near dock or guide it via app.
Cleaning performance is poor.	Dustbin full; Filter clogged; Brushes tangled.	Empty dustbin. Clean/replace filter. Clean main and side brushes.
Robot gets stuck frequently.	Loose cables; Small objects on floor; High thresholds.	Clear obstacles before cleaning. Use No-Go Zones in app for problematic areas.
App connection issues.	Incorrect Wi-Fi band (5GHz); Incorrect password; Robot not in pairing mode.	Ensure 2.4GHz Wi-Fi. Re-enter password. Reset robot Wi-Fi and re-pair.

## SPECIFICATIONS

Feature	Detail
Brand	Yigars
Model Name	Y580

Feature	Detail
Navigation Type	LiDAR Laser Navigation
Cleaning Functions	Vacuum, Sweep, Mop (3-in-1)
Suction Power	2700Pa (3 adjustable levels)
Dustbin Capacity	350ml
Water Tank Capacity	250ml (3 humidity settings)
Battery Life	Up to 120 minutes
Obstacle Clearance	18mm
Climbing Capability	15°
Surface Recommendation	Hardwood, Carpet, Tile, Laminate
Special Features	Anti-Fall, Multi-Floor Mapping (up to 5 maps), No-Go Zone, Wet/Dry, OTA Updates, App Control, Voice Control (Alexa, Google Assistant)
Color	Black

## Fully support your cleaning tasks

Quickly create maps, automatically save up to 5 maps, select and divide areas, and schedule cleanings



Image 7: The Yigars Y580 Robot Vacuum Cleaner highlighting its 2600mAh battery, providing up to 120 minutes of continuous cleaning operation.

# Support OTA: automatic firmware and software upgrade

## System Updating

Current Version  
New Version



Image 8: The Yigars Y580 Robot Vacuum Cleaner supports automatic firmware and software updates (OTA) to ensure continuous improvement and new features.

## WARRANTY AND SUPPORT

Yigars provides a standard manufacturer's warranty for this product. Please refer to the warranty card included in your package for specific terms and conditions, including warranty period and coverage details.

For technical support, troubleshooting assistance, or warranty claims, please contact Yigars customer service through the contact information provided on the official Yigars website or your purchase platform.

When contacting support, please have your model number (Y580) and purchase receipt ready.