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# TESLA Smart AI Robot Vacuum Cleaner Laser AI200 User Manual

Model: TSL-VC-AI200

## INTRODUCTION

Thank you for choosing the TESLA Smart AI Robot Vacuum Cleaner Laser AI200. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new robot vacuum. Please read this manual thoroughly before using the product and retain it for future reference.

## IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of injury or damage, observe the following safety precautions:

- Read all instructions before operating the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not allow children to play with the robot. Supervise children and pets when the robot is operating.
- Use only the original power adapter and charging dock provided by the manufacturer.
- Do not use the robot in environments with open flames or fragile objects.
- Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts.
- Do not immerse the robot or its charging dock in water or other liquids.
- Ensure the robot is turned off and unplugged before cleaning or performing maintenance.

## PRODUCT OVERVIEW

The TESLA Smart AI Robot Vacuum Cleaner Laser AI200 is designed to provide automated cleaning for your home, featuring advanced laser navigation, powerful suction, and a mopping function with drying capabilities.



Front view of the TESLA Smart AI Robot Vacuum Cleaner Laser AI200, showcasing its sleek black design and control buttons.



Top-down view of the TESLA Smart AI Robot Vacuum Cleaner, highlighting the power and home buttons, and the laser navigation sensor.



Underside view of the TESLA Smart AI Robot Vacuum Cleaner, showing the main brush, side brush, and wheels.

## SETUP

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### 1. Unpacking

Carefully remove all components from the packaging. Ensure all accessories are present: robot vacuum, charging dock, power adapter, side brushes, main brush, dust bin, water tank, and mop pad.

### 2. Charging Station Placement

Place the charging dock against a wall in an open area, ensuring 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. Plug the power adapter into the charging dock and then into a wall outlet.

### 3. First Charge

Place the robot vacuum onto the charging dock. Ensure the charging contacts on the robot align with those on the dock. The robot will automatically begin charging. For optimal battery life, fully charge the robot before its first use (approximately 4-6 hours).



The TESLA Smart AI Robot Vacuum Cleaner docking itself to its charging station.

## 4. App Installation and Connection

1. Download the 'TESLA Smart' app from your mobile device's app store (available for Android and iOS).
2. Open the app and create an account or log in.
3. Follow the in-app instructions to add your TESLA Smart AI Robot Vacuum Cleaner. This typically involves selecting the device type, connecting to your home Wi-Fi network (2.4GHz only), and pairing the robot.

## OPERATING INSTRUCTIONS

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### 1. Starting a Cleaning Cycle

You can start a cleaning cycle in several ways:

- **Manual Start:** Press the Power button on the robot once. The robot will begin cleaning in Auto mode.
- **App Control:** Open the TESLA Smart app, select your robot, and tap 'Start' or choose a specific cleaning mode.
- **Scheduled Cleaning:** Use the app to set up cleaning schedules for specific times and days.



The TESLA Smart AI Robot Vacuum Cleaner actively cleaning a hard floor surface, demonstrating its operation.

## 2. Cleaning Modes

The robot offers various cleaning modes accessible via the TESLA Smart app:

- **Auto Clean:** The robot intelligently navigates and cleans the entire accessible area.
- **Spot Clean:** Cleans a specific area more intensely.
- **Edge Clean:** Focuses on cleaning along walls and furniture edges.
- **Zone Clean:** Allows you to define specific areas on the map for cleaning.

## 3. Mopping Function and Drying

To use the mopping function:

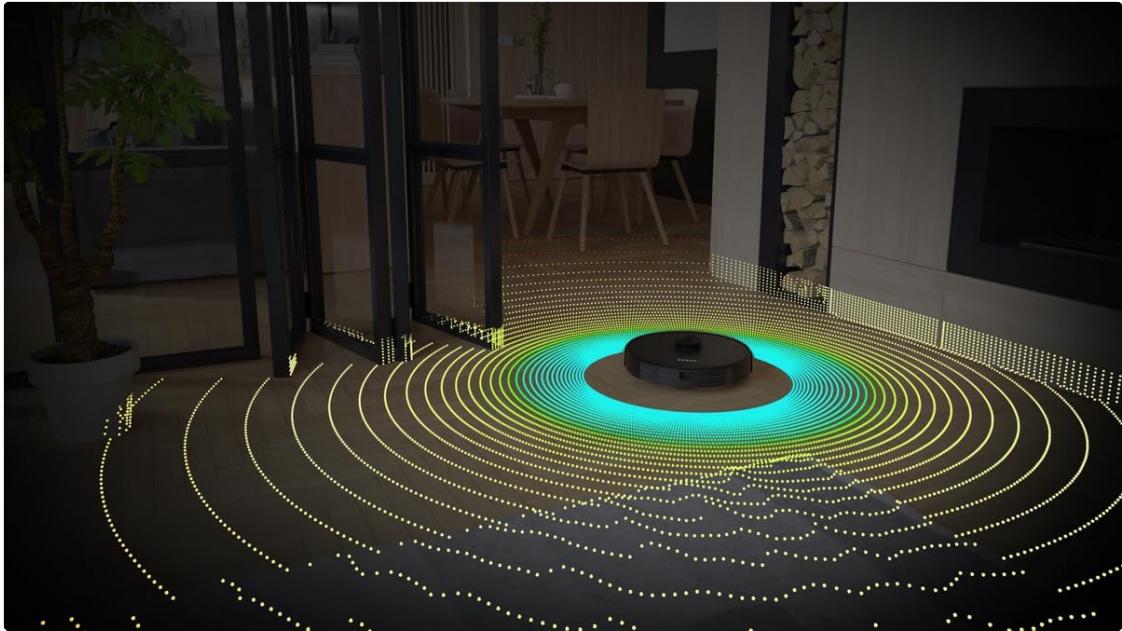
1. Replace the dust bin with the water tank (0.35 L capacity).
2. Fill the water tank with clean water. You may add a small amount of neutral floor cleaner if desired.
3. Attach the mop pad to the water tank.
4. Start a cleaning cycle. The robot will automatically mop and vacuum.
5. The integrated drying function ensures that the floor is dried after mopping, preventing streaks and water damage.



An illustrative image showing airflow for the drying function within the TESLA Smart AI Robot Vacuum Cleaner.

#### 4. Laser Navigation and Mapping

The robot uses advanced laser navigation to scan your home, create accurate maps, and plan efficient cleaning routes. This allows it to avoid obstacles, prevent falls, and ensure comprehensive coverage.



A visual representation of the robot vacuum's laser navigation system mapping a room, showing its environmental awareness.

#### 5. Virtual Walls and Restricted Zones

Using the TESLA Smart app, you can define virtual walls or restricted zones on the generated map. This prevents the robot from entering specific areas, such as pet feeding zones or areas with delicate items.

## MAINTENANCE

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

### 1. Dust Bin and Filter

- **Emptying:** Press the release button to remove the dust bin. Open the bin cover and empty debris into a trash can.
- **Cleaning:** Rinse the dust bin with water. Clean the filter by tapping it gently to remove dust. Do not wash the HEPA filter with water. Allow all parts to air dry completely before reassembling.
- **Frequency:** Empty after each use. Clean filter weekly. Replace filter every 3-6 months.

### 2. Main Brush

- **Removal:** Flip the robot over. Press the tabs to release the main brush cover. Lift out the main brush.
- **Cleaning:** Use the cleaning tool (if provided) to remove hair and debris tangled around the brush.
- **Frequency:** Clean weekly. Replace every 6-12 months.

### 3. Side Brushes

- **Removal:** Gently pull the side brushes upwards to remove them.
- **Cleaning:** Remove any hair or debris.
- **Frequency:** Clean monthly. Replace every 3-6 months.

### 4. Sensors

- **Cleaning:** Use a clean, dry cloth to gently wipe the cliff sensors (on the bottom), wall sensors (on the side), and charging contacts (on the bottom of the robot and dock).
- **Frequency:** Clean monthly.

### 5. Water Tank and Mop Pad

- **Emptying:** After mopping, empty any remaining water from the tank.
- **Cleaning:** Rinse the water tank with clean water. Wash the mop pad by hand or machine.
- **Frequency:** Clean after each mopping session.

## TROUBLESHOOTING

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

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Robot not charging	Charging contacts are dirty; Power adapter not connected; Robot not properly docked.	Clean charging contacts on both robot and dock. Ensure power adapter is securely plugged in. Re-dock the robot, ensuring proper alignment.
Robot stuck or trapped	Obstacles (cables, rugs, furniture); Cliff sensors dirty.	Clear obstacles from the cleaning path. Use virtual walls in the app. Clean cliff sensors.
Poor cleaning performance	Dust bin full; Brushes tangled; Filter clogged.	Empty dust bin. Clean main brush and side brushes. Clean or replace filter.
Robot makes unusual noise	Debris in brushes or wheels; Fan obstruction.	Inspect and clean main brush, side brushes, and wheels. Check for any foreign objects obstructing the fan.
App connection issues	Incorrect Wi-Fi password; Router too far; 5GHz Wi-Fi network.	Ensure correct Wi-Fi password. Move robot closer to router. Confirm router is broadcasting a 2.4GHz network. Reset robot and try pairing again.

## SPECIFICATIONS

### Technical Data

- Model Number:** TSL-VC-AI200
- Suction Power:** 3000 Pa
- Battery Capacity:** 2600 mAh
- Max Cleaning Time:** Up to 130 minutes (on a single charge)
- Water Tank Capacity:** 0.35 L
- Navigation System:** Laser AI
- Connectivity:** Wi-Fi (2.4GHz)
- Item Weight:** 5.94 pounds
- Package Dimensions:** 22.6 x 15.28 x 5.75 inches

## WARRANTY AND SUPPORT

### Warranty Information

Your TESLA Smart AI Robot Vacuum Cleaner Laser AI200 is covered by a manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official TESLA website for detailed terms and conditions regarding warranty coverage and duration.

### Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact

TESLA customer support. Contact information can typically be found on the official TESLA website or within the TESLA Smart app.