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dreame RLS6LADC

DREAME L10s Ultra Robot Vacuum Cleaner Washer User Manual

Model: RLS6LADC

1. Introduction

The DREAME L10s Ultra is an advanced robot vacuum and mop designed to provide a fully automated home cleaning experience. This device integrates powerful vacuuming with effective mopping, featuring a self-cleaning base station for minimal manual intervention. Its intelligent navigation and obstacle avoidance capabilities ensure efficient and thorough cleaning across various floor types.



Figure 1.1: Key features of the DREAME L10s Ultra, highlighting its suction power, battery life, water tank capacity, and control options.



Figure 1.2: The robot vacuum and its base station demonstrating automatic dust emptying and mop self-cleaning for a hands-free cleaning experience.

2. Package Contents

Verify that all items are present in the package before proceeding with setup.

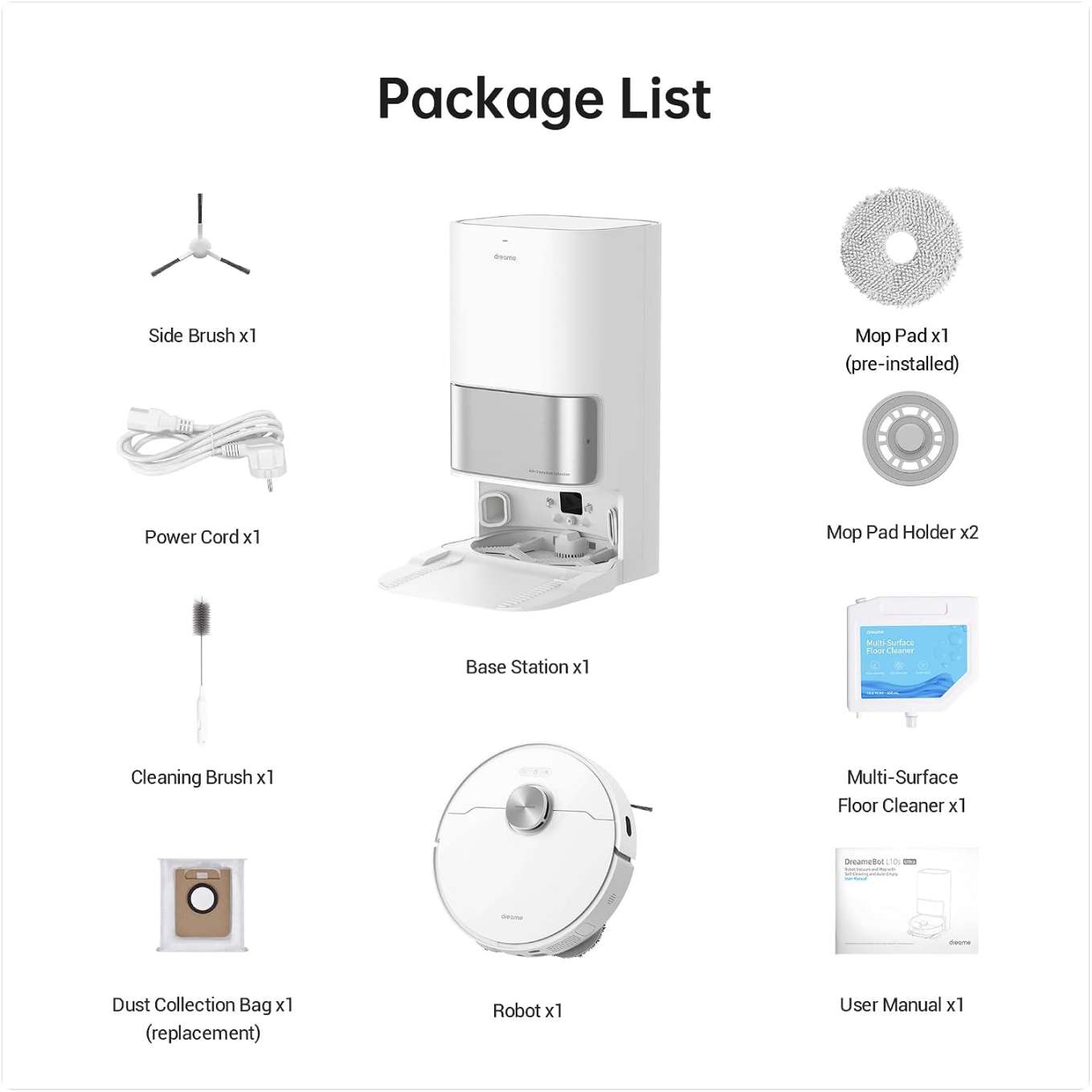

Figure 2.1: Illustrated list of all components included with the DREAME L10s Ultra.

- Robot Vacuum x1
- Self-Cleaning Base Station x1
- Side Brush x1
- Power Cord x1
- Cleaning Brush x1
- Dust Collection Bag (replacement) x1
- Mop Pad (pre-installed) x1
- Mop Pad Holder x2
- Multi-Surface Floor Cleaner x1
- User Manual x1

3. Safety Information

Before using the DREAME L10s Ultra, please read and understand all safety instructions to prevent injury or damage. Keep this manual for future reference.

General Safety Precautions

- 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 use the robot in areas where there are open flames or fragile objects.
- Ensure the power cord is not damaged and is properly connected to the base station.
- Do not immerse the robot or base station in water or other liquids.
- Only use the original power adapter and accessories provided by the manufacturer.

Battery Safety

- The robot contains a lithium-ion battery. Do not expose the battery to high temperatures or direct sunlight.
- If the battery leaks, avoid contact with skin and eyes. If contact occurs, rinse with plenty of water and seek medical attention.
- Dispose of batteries according to local regulations.

4. Setup

Follow these steps to set up your DREAME L10s Ultra for the first time.

4.1 Unpacking and Preparation

1. Remove all packaging materials from the robot and the base station.
2. Ensure all protective films and stickers are removed from the robot and base station, especially around sensors and charging contacts.
3. Place the base station on a hard, level surface against a wall, 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.
4. Connect the power cord to the base station and plug it into a power outlet.

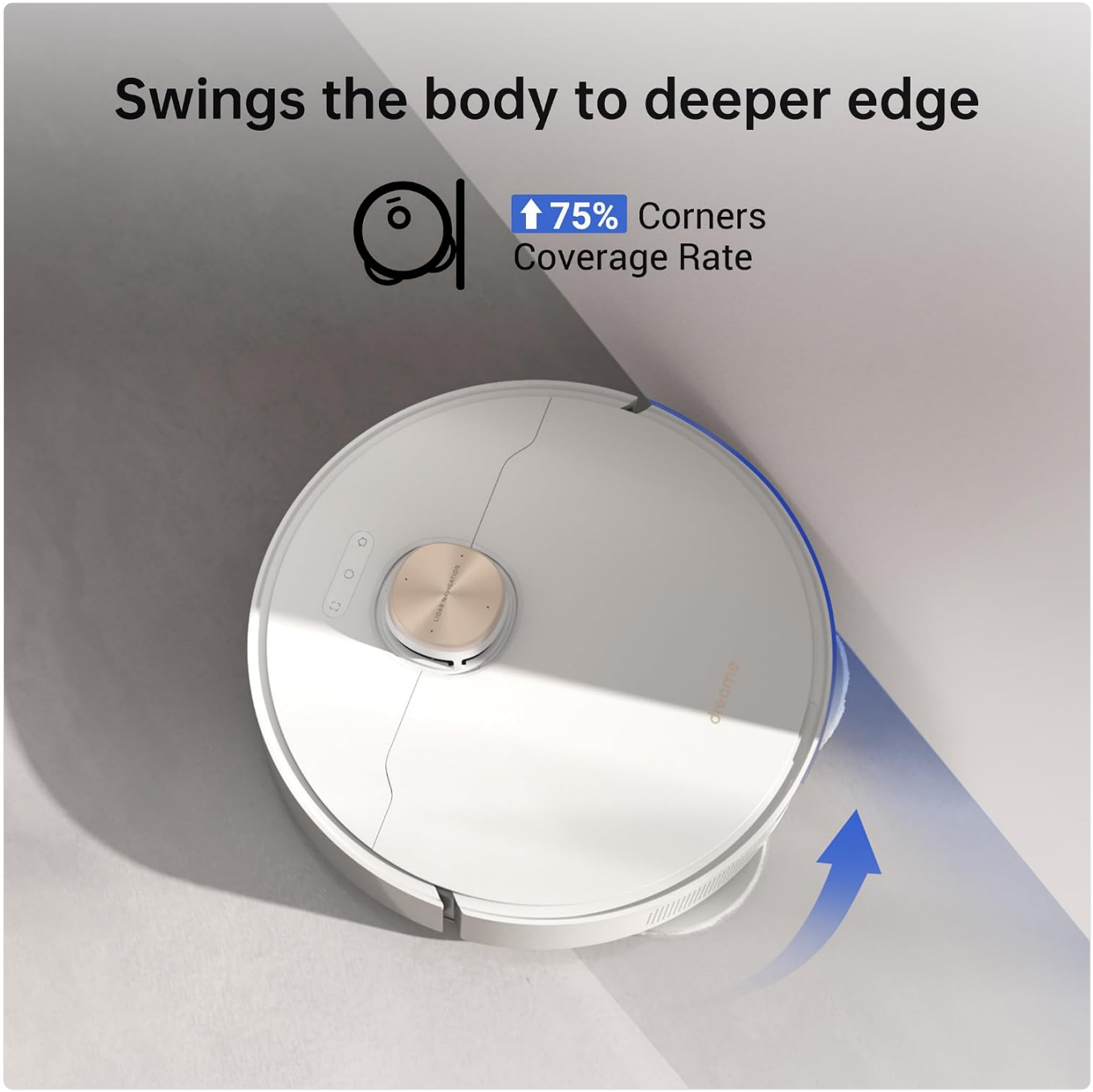

Figure 4.1: The DREAME L10s Ultra robot and its base station, illustrating proper placement for optimal operation.

4.2 Initial Charging

Place the robot onto the charging contacts of the base station. The robot will automatically power on and begin charging. For optimal battery life, fully charge the robot before its first use.

4.3 Connecting to the App

1. Download the Dreamehome app from your mobile app store (iOS or Android).
2. Open the app and create an account or log in.
3. Follow the in-app instructions to add your DREAME L10s Ultra. This typically involves scanning a QR code on the robot or base station and connecting to the robot's temporary Wi-Fi network.
4. Once connected, the app will guide you through the initial mapping process of your home.

5. Operating Instructions

Learn how to control your DREAME L10s Ultra for efficient cleaning.

5.1 Starting and Stopping Cleaning

- **Via Robot Button:** Press the power button on the robot once to start or pause cleaning. Press and hold to send the robot back to the base station.
- **Via Dreamehome App:** Open the app, select your robot, and tap the 'Start' button to begin cleaning. You can also pause, resume, or send the robot back to the base station from the app.
- **Via Voice Control:** If integrated with a smart assistant (e.g., Amazon Alexa), use commands like "Alexa, ask DreameBot to clean."

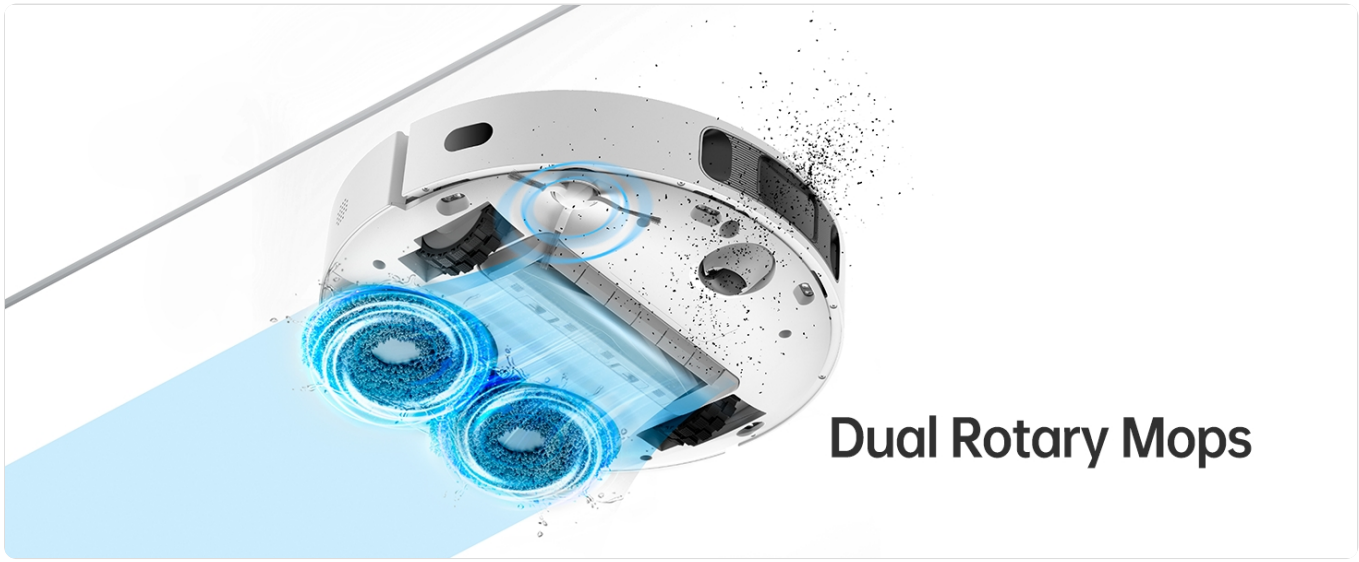

Figure 5.1: The Dreamehome app provides comprehensive control over cleaning tasks, including mapping and scheduling.



Figure 5.2: The robot vacuum supports voice control for convenient operation through compatible smart home devices.

5.2 Cleaning Modes

The robot supports various cleaning modes configurable via the app:

- **Vacuum Only:** For dry debris collection.

- **Mop Only:** For wet cleaning of hard floors.
- **Vacuum & Mop:** Simultaneous vacuuming and mopping.
- **Custom Cleaning:** Define specific areas or rooms to clean, adjust suction power and water flow.

5.3 App Features

The Dreamehome app offers advanced customization and control:

- **Mapping:** View and edit your home's map, including room segmentation.
- **No-Go Zones/Virtual Walls:** Set areas the robot should avoid.
- **Scheduled Cleaning:** Set specific times for the robot to clean.
- **Cleaning History:** Review past cleaning sessions.
- **Remote Video Camera:** Monitor your home in real-time (if feature is enabled).

6. Advanced Features

The DREAME L10s Ultra is equipped with intelligent technologies for superior cleaning.

6.1 AI Obstacle Detection and Navigation

The robot uses an RGB camera and 3D structured light for advanced AI Action, allowing it to recognize and avoid obstacles like cables, shoes, and pet waste. This ensures a smooth cleaning path and prevents entanglement.



Figure 6.1: The robot's advanced sensors enable precise obstacle avoidance and intelligent navigation.

6.2 Multi-Floor Mapping

The robot can store multiple maps, making it suitable for multi-story homes. It automatically recognizes different floor plans once they have been mapped.

6.3 Carpet Detection and Mop Lifting

The DREAME L10s Ultra automatically detects carpets and adjusts its cleaning strategy. When mopping, it can lift its mop pads to avoid wetting carpets, or boost suction power when vacuuming carpets for deeper cleaning.

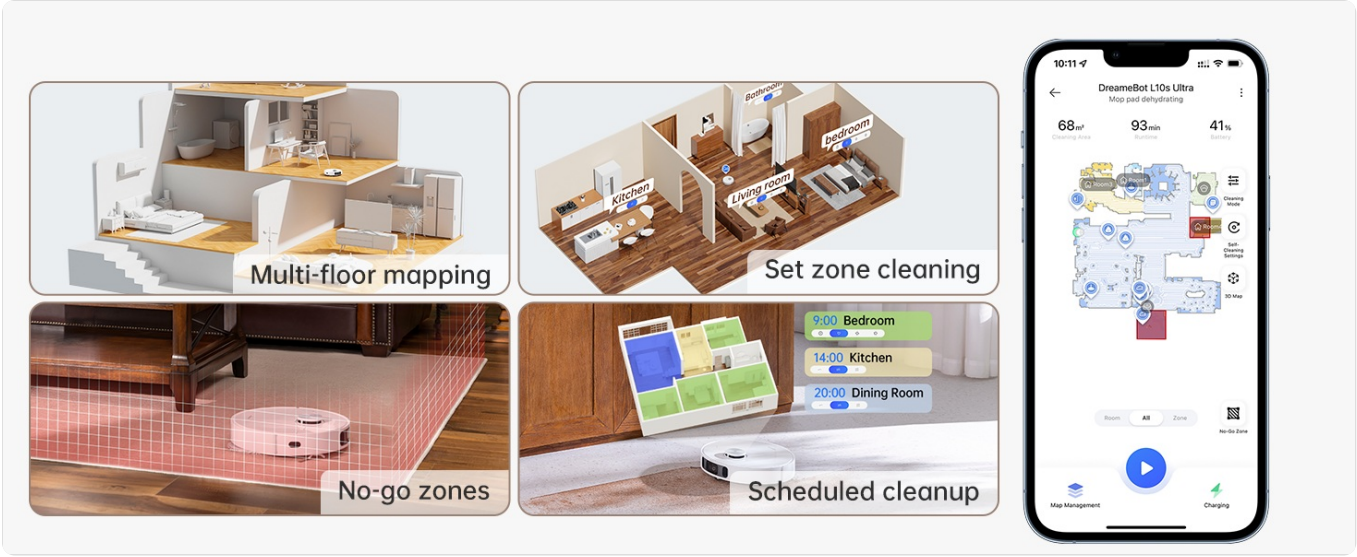

Figure 6.2: The robot intelligently lifts its mop pads when detecting carpets to prevent them from getting wet.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your DREAME L10s Ultra.

7.1 Base Station Maintenance

- **Dust Bag Replacement:** The 3L dust bag in the base station can hold debris for up to 60 days. Replace it when the app indicates it is full.



Figure 7.1: Replacing the 3L dust bag in the base station is a simple process.

- **Water Tank Refilling/Emptying:** Regularly refill the clean water tank and empty the dirty water tank in the base station.
- **Mop Washing Tray Cleaning:** The base station automatically cleans the mop pads. Periodically remove and clean the mop washing tray to prevent residue buildup.

7.2 Robot Maintenance

- **Main Brush:** Remove the main brush regularly and use the cleaning tool to cut and remove tangled hair or debris.

The robust rubber brush is designed to minimize tangles.

- **Side Brush:** Check the side brush for wear and tear. Replace if damaged.
- **Mop Pads:** While the base station cleans the mop pads, it is recommended to occasionally hand wash them or machine wash them for thorough cleaning.



Figure 7.2: The dual rotary mops and main brush require periodic inspection and cleaning.

- **Sensors:** Wipe all sensors (cliff sensors, wall sensor, charging contacts) with a soft, dry cloth to ensure they are free of dust and debris.

8. Troubleshooting

If you encounter issues with your DREAME L10s Ultra, refer to the following common problems and solutions.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Robot does not power on.	Low battery; Power button not pressed correctly.	Place the robot on the base station to charge. Press and hold the power button for 3 seconds.
Robot cannot connect to Wi-Fi.	Incorrect Wi-Fi password; Router issues; Robot too far from router.	Ensure correct password. Restart router. Move robot closer to router. Reset Wi-Fi on robot and try again.
Robot gets stuck frequently.	Obstacles on the floor; Sensors are dirty.	Clear cables, toys, and other obstacles. Clean all sensors on the robot.
Poor cleaning performance.	Dust bin full; Brushes tangled; Mop pads dirty or worn.	Empty the dust bin. Clean or replace main/side brushes. Clean or replace mop pads.
Base station not emptying dust or cleaning mops.	Dust bag full; Water tanks empty/full; Obstruction in base station.	Replace dust bag. Refill clean water tank, empty dirty water tank. Check for obstructions in the base station's dust or water channels.

For issues not listed here, please refer to the Dreamehome app for specific error messages or contact customer support.

9. Specifications

Detailed technical specifications for the DREAME L10s Ultra.

Feature	Specification
Brand	dreame
Model Name	DreameBot L10s Ultra
Model Number	RLS6LADC
Suction Power	5300Pa
Battery Life	Up to 210 Minutes
Battery Type	Lithium Ion
Navigation System	LiDAR Navigation, AI Obstacle Detection 3D
Dust Bag Capacity (Base Station)	3 Litres
Clean Water Tank Capacity	2.5 Litres (approx.)
Control Method	App Control, Voice Control (Alexa, Google Assistant)
Special Features	Auto Mop Washing, Auto Dust Collection, Auto Water Refilling, Auto Solution Adding, Hot Air Mop Drying, Multi-Floor Mapping, No-Go Zone, Carpet Detection
Surface Recommendation	Hard Floor, Carpet

Feature	Specification
Item Dimensions (L x W x H)	35L x 350W x 97H Centimeters (Robot)
Item Weight	12.6 Kilograms (Total)

10. Warranty and Support

Your DREAME L10s Ultra comes with a comprehensive warranty and dedicated customer support.

10.1 Warranty Information

The product is covered by a one-year warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.
Extended warranty plans may be available from third-party providers:

- 3 Years Extended Warranty by Onsitego
- Onsitego 2 Year Extended Warranty
- 1 Year Damage Protection by Onsitego

10.2 Customer Support

For technical assistance, warranty claims, or any product-related inquiries, please contact Dreame customer support:

- **Email:** Support.in@dreame.tech
- **Phone:** 18003093942

Please have your product model number (RLS6LADC) and purchase details ready when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Example: How do I reset this device or fix this error?

Details

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