



# LiDAR Navigation Robot Vacuum & Mop + Smart Auto-Empty Dock



## 4200Pa Hyper Suction

For a deeper, powerful clean

## LiDAR & Gyro Dual Navi System

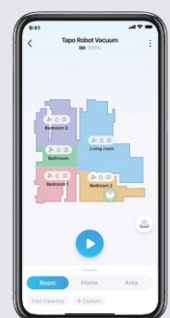
Higher precision mapping and navigation

## 70 Days without Emptying

Auto-empty with 4L large dust bag<sup>†</sup>

## Vacuum and Mop Combo

Tackles sticky messes and kitchen grease



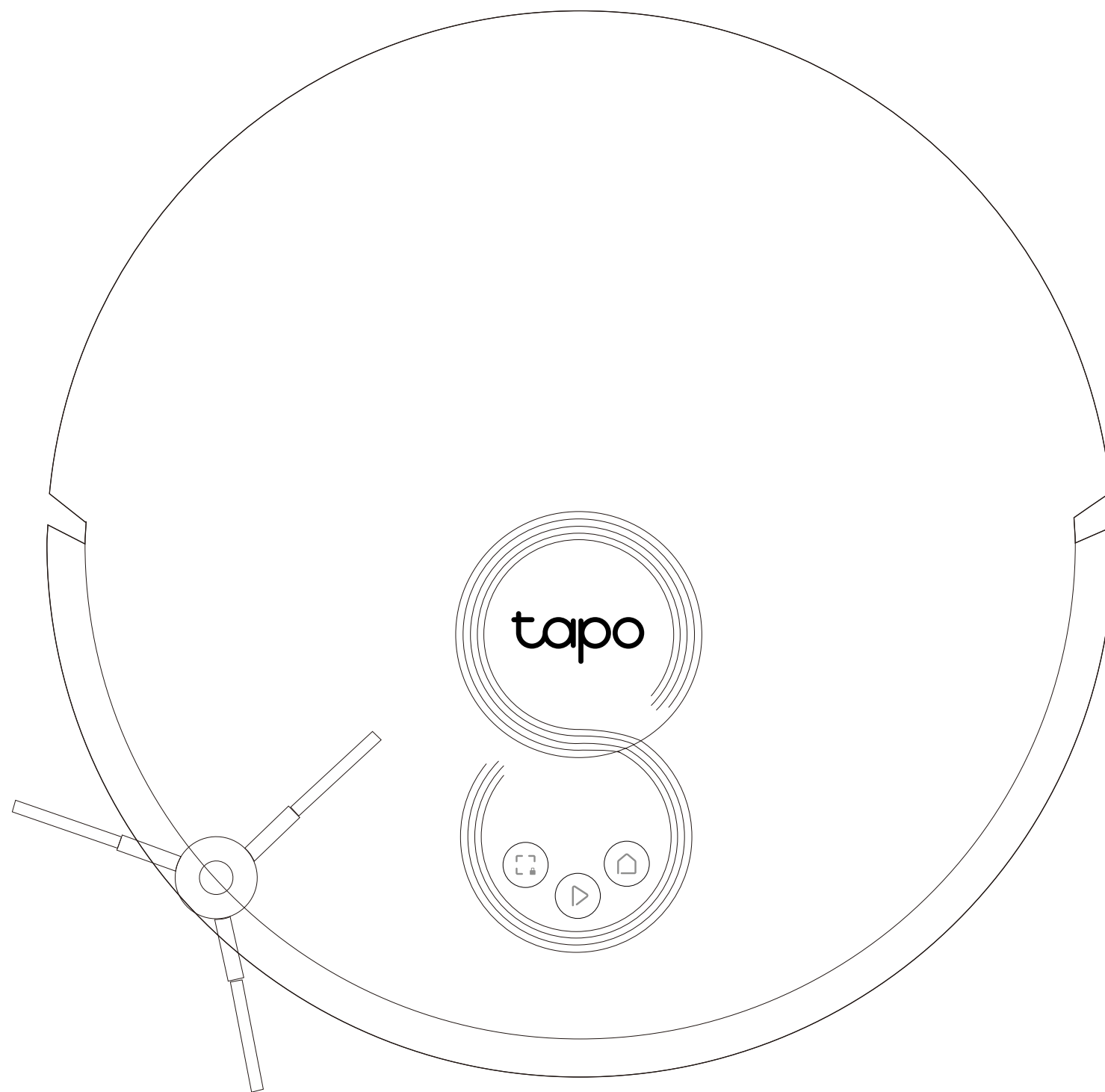
App Control



**Tapo RV30 Plus**

# // Overview

## Robot Vacuum



### ▶ Power/Clean

- Press once: Start/pause cleaning.
- Press and hold for 5 seconds: Turn on/off the robot vacuum.

\*For the first use, slide the power switch from OFF to ON to turn on.

### 🏠 Dock

- Return to the dock to charge.
- Empty the bin when docked.

### 📐 Spot Cleaning/Child Lock

- Press once: Start spot cleaning.
- Press and hold for 5 seconds: Turn on/off the child lock.

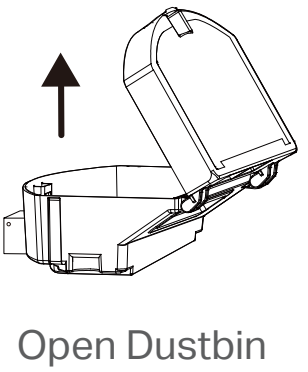
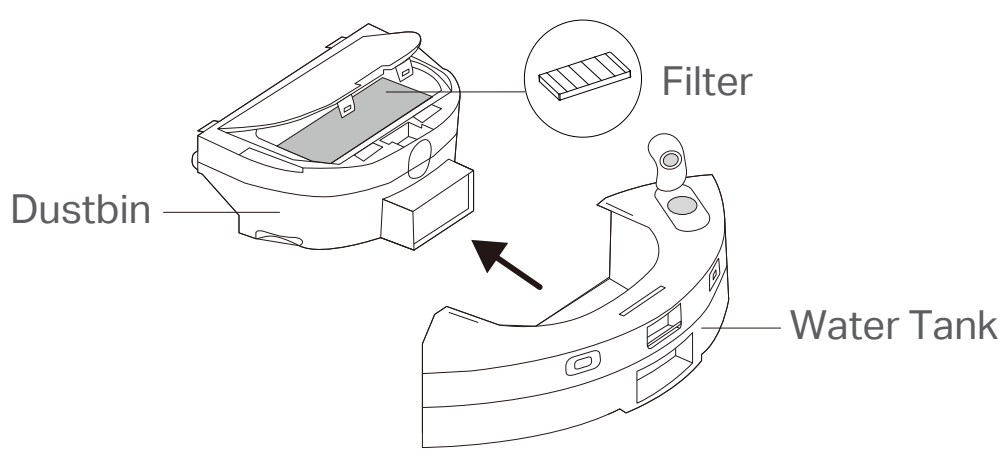
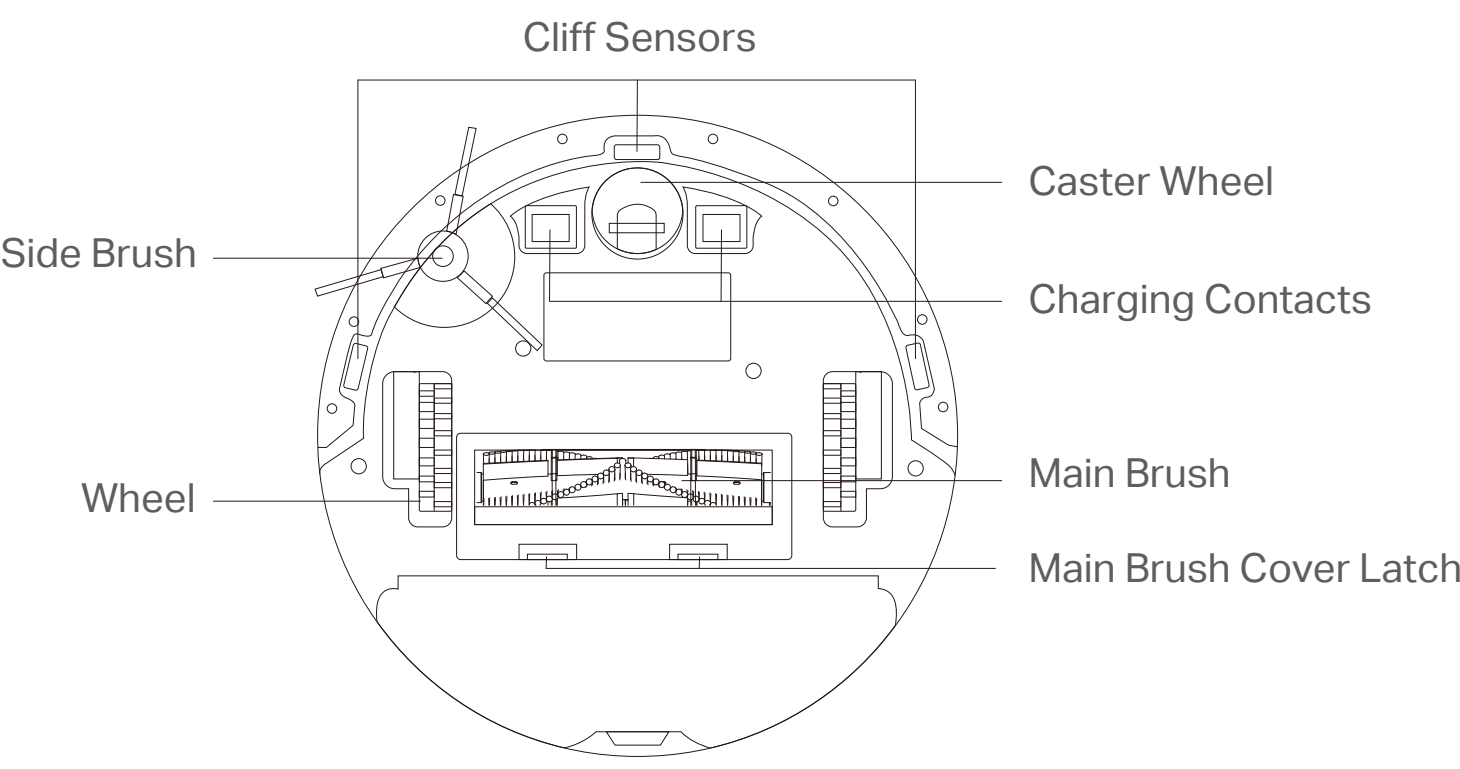
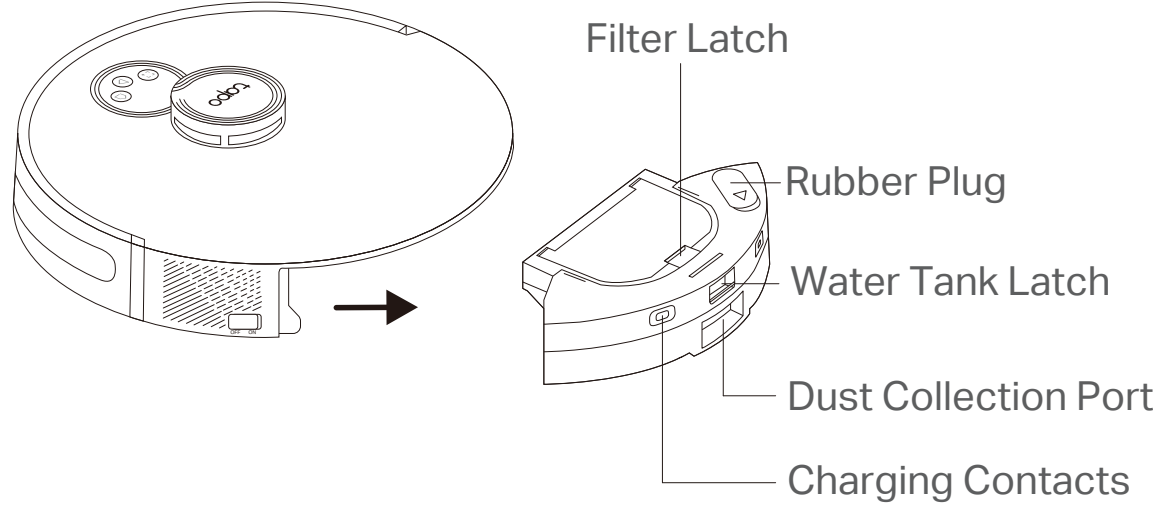
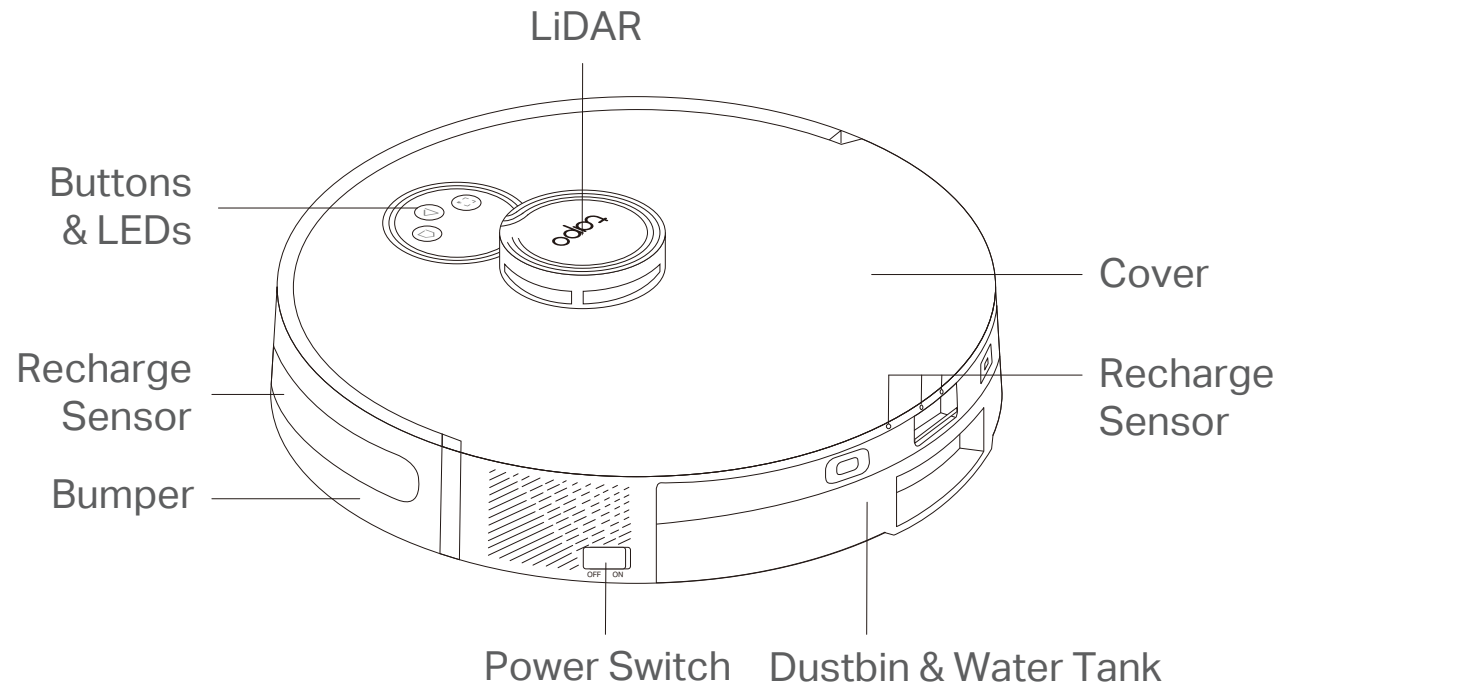
### 🏠 + 📐 Combination Button

- Press and hold simultaneously for 5 seconds:  
Enter setup mode to configure network.
- Press and hold simultaneously for 10 seconds:  
Restore to factory default settings.

### 🏠 LED

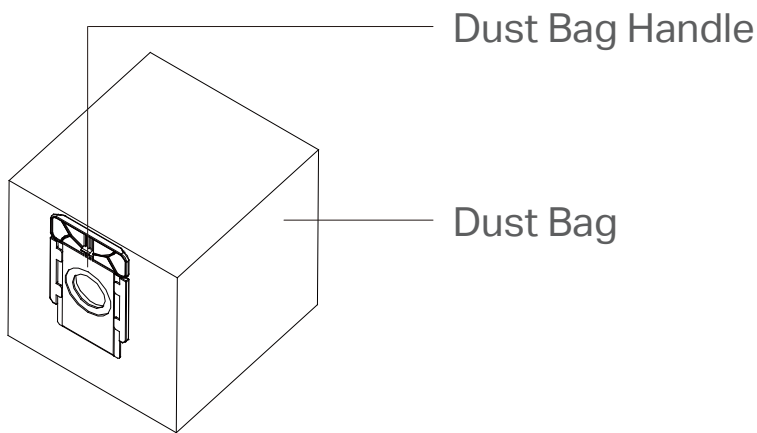
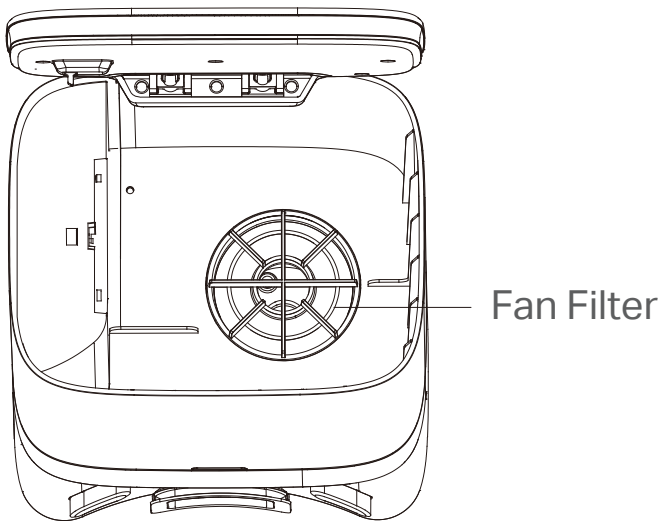
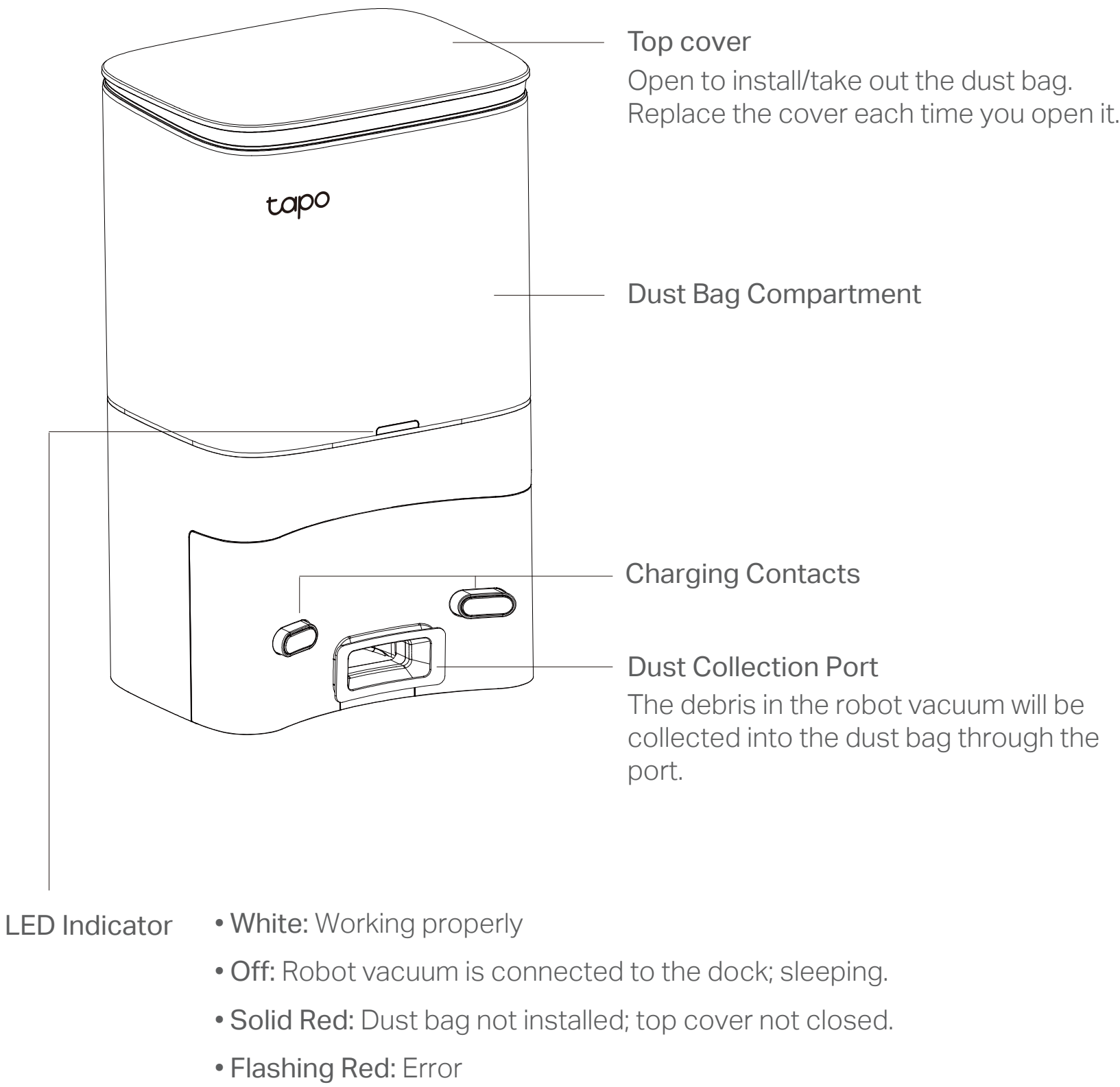
- **Red:** Battery level < 20%; Error
- **Orange:** Battery level between 20% and 80%
- **Green:** Battery level > 80%

# Overview



# // Overview

## Auto-Empty Dock





## // Highlights

### Up to 70 Days Hands-Free Cleaning

- No-Fuss Auto Empty

Automatically empties its dustbin after cleaning to keep your hands free

- 4L Sealed Disposable Dust Bag

Dust stays out of sight for up to 70 days and your hands stay clean<sup>†</sup>

- Empties without Residue

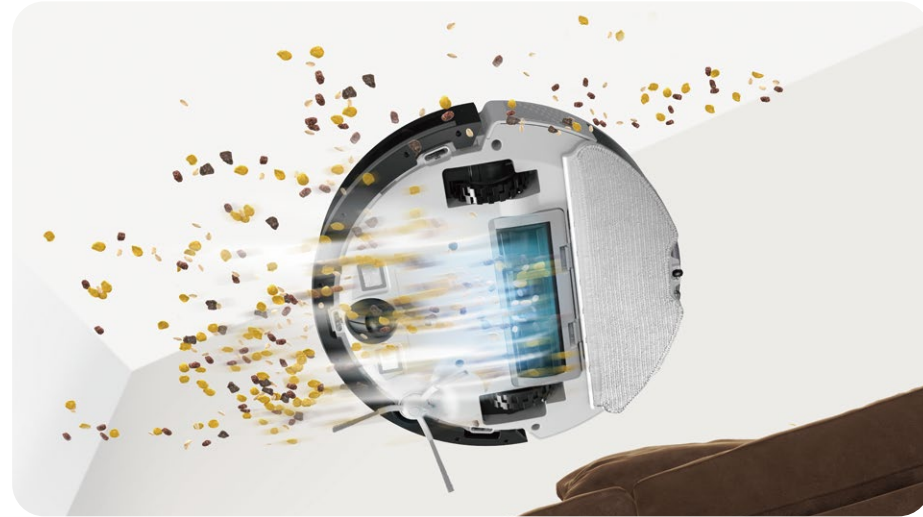
The dock's strong 27000Pa suction power and shortened air duct help empty the dustbin within moments

- Reduces Untimely Noise Interference

Auto-adjusts emptying duration and follows do-not-disturb schedules to avoid noisy interruptions



## // Highlights



### 4200Pa Hyper Suction

With industry-leading suction power up to 4200Pa, the Tapo Robot Vacuum is designed for a deeper clean that sweeps away debris sand-wiched between gaps and dust hidden in carpets, leaving nothing but a spotless floor.

### 5-Hour Continuous Cleaning

5000 mAh energy-dense battery powers a long-lasting, fade-free suction.<sup>‡</sup>

### Auto-Boost for Your Carpets

Automatically adjusts the suction power to the max mode when encountering carpets.



### High-Precision Dual Navi System

A LiDAR and Gyro dual navigation system serves as the brain and accurately maps out your home in minutes, avoids omissions and repeated cleaning, and even works well in the dark.

### Multi-Floor Local-Stored Maps

Recognizes different floors faster and accurately with 3 local-stored maps.

### Anti-Drop Protection

Multiple cliff sensors avoid falls down stairs and ledges.



### Mops and Vacuums Simultaneously

Mopping is essential for houses with hard floors, which need regular polishing. RV30 Plus provides a large 300ml water tank to cover up to 200 m<sup>2</sup> / 2100 ft<sup>2</sup>. Vacuuming and mopping in one trip turns your thankless chore time into me time.<sup>§</sup>

### Wet Hard Surfaces, Dry Carpets

Set no-go zones or virtual walls via Tapo app to keep your carpets nice and dry.

### 3-Level Electronic Mopping

Provides 3 water flows to suit different floor types with consistent and steady water pressure.

# // Specifications

## Care and Maintenance

To maintain optimal performance, maintain the robot vacuum according to the following guidelines.

| Part              | Maintenance Frequency | Replacement Frequency*   |
|-------------------|-----------------------|--------------------------|
| Dustbin           | Clean/wash as needed  | /                        |
| Filter            | Once a week           | 3-6 months               |
| Main Brush        | Every 2 weeks         | 6-12 months              |
| Side Brush        | Once a month          | 3-6 months               |
| Dust Bag          | /                     | Replaced when it is full |
| Mop Cloth         | After each use        | 2-3 months               |
| Caster Wheel      | Clean as needed       | /                        |
| Main Wheels       | Once a month          | /                        |
| Sensors           | Once a month          | /                        |
| Charging Contacts | Once a month          | /                        |

\*Replacement frequency may vary depending on the actual situation. Parts should be replaced if visible wear appears.

# // Specifications

## Mapping & Navigation Features

- Mapping/Path Planning: LiDAR + Gyroscope
- High-Precision Map: Yes
- Obstacle Avoidance: LiDAR
- Barrier-Cross Height: 20 mm/0.79 in
- Anti-Drop Protection : Yes

## Dock Features

- Auto Dust Collection: Yes
- Suction Power of Auto-Empty Dock: 27000Pa
- Dust Bag Capacity: 4 L

## Vacuuming Features

- Max Suction Power: 4200Pa
- Suction Level Adjustment: 4 levels
- Dustbin Capacity: 350ml
- Dustbin Detection: Yes
- HEPA Filter: Yes
- Carpet Boost: Yes, Electricity Recognition

## Mopping Features

- Wet Mopping : Yes
- Mopping Type: Electric Water Flow Control
- Water Level Adjustment: 3 levels
- Water Tank Capacity: 300ml

## Battery

- Battery Capacity : 5000 mAh
- Recharge & Resume: Yes

## App Features

- Real-Time Tracking: Yes
- Multi-Floor Mapping: Yes
- Scheduled Cleaning: Yes
- Virtual Walls: Yes
- No-Go Zones: Yes
- Zone Cleaning: Yes



# // Specifications

## Physical

- Product Dimensions:  
Robot Vacuum: 342.6 × 342.2 × 95 mm (13.5 × 13.5 × 3.7 in)  
Auto-Empty Dock: 227 × 191.4 × 381.3 mm (8.9 × 7.5 × 15 in)
- Package Contents:  
Robot Vacuum Cleaner ×1  
Auto-Empty Dock ×1  
Mop Cloth Mount ×1  
Quick Installation Guide  
Washable Mop Cloth ×2  
4L Disposable Dust Bag ×2  
Side Brush ×2  
HEPA Filter ×2  
Cleaning Brush ×1

## Others

- Wireless Connection:  
IEEE 802.11 b/g/n, 2.4 GHz band only;  
Bluetooth 4.2 (only for onboarding)
- Rated Input Voltage: 220-240 VAC, 50Hz
- Max Charging Power Consumption: 18W (DC24V 750mA)
- Max Working Power Consumption:  
Robot Vacuum: 45W  
Auto-Empty Dock: 950W
- Works with Google Home: Yes
- Works with Amazon Alexa: Yes

<sup>†</sup>Based on internal testing. Actual emptying intervals are subject to change due to usage and environmental factors.  
<sup>‡</sup>Based on internal testing carried out by the manufacturer, using quiet vacuuming mode with a full battery. Actual results may vary according to the working status and home environment.  
<sup>§</sup>Based on internal testing carried out by the manufacturer, using low water flow with a full battery. Actual results may vary according to the home environment. It is recommended to mop with Tapo Robot Vacuum Foamless Hard-Surface Floor Cleaner.