

tapo



5300Pa

Ultra-Powerful Robot Vacuum and Mop

Tapo RV30 Max Plus



White



Black



DeepVac™ for Better Dust Removal

LiDAR + IMU
Dual Navigation System

Self-Emptying with
95% Debris Removal†

2 Months Hands-Free
with 3L Dust Bag

52 dB
Quiet Clean†



// Highlights

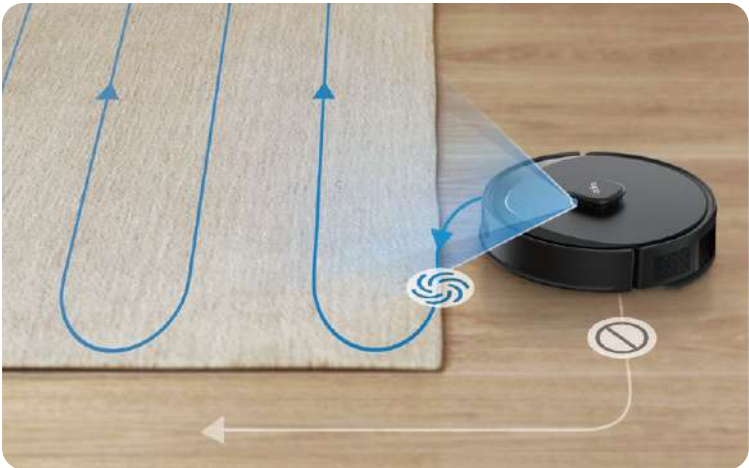
Tapo IQ+ Smart Cleaning™



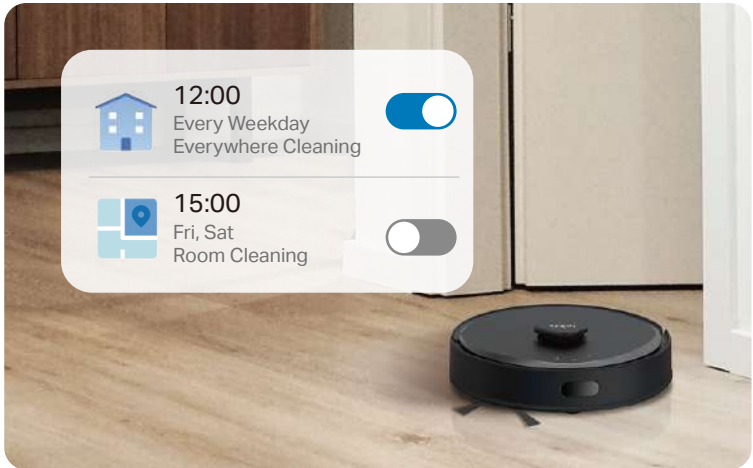
Tailor Your Cleaning Routine



Abundant Cleaning Options
Set the water volume, suction power, and number of cleanings for every room.



Customizable Carpet Preferences
Optimize your mopping and navigation preferences to either avoid carpets or clean across them efficiently.



Precise Scheduling
Set daily cleaning schedules to fit your preferred routine.

// Highlights

Dust-Free, Stress-Free



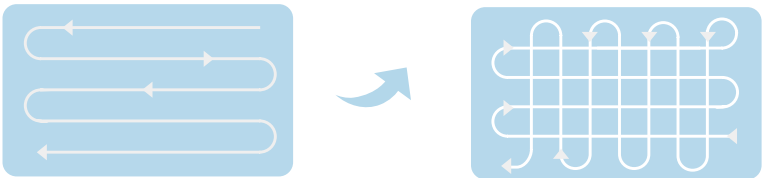
Better Dust Removal Efficiency[‡]

DeepVac™ tech allows smoother dust flow to enhance dust removal efficiency on various floors.



No Spots Missed

Employs Mesh Grid™ to conduct more comprehensive and deeper clean, effectively avoiding missed spots.



// Highlights

- **LiDAR + IMU Dual Navigation System**

Accurately maps out your house in minutes, avoids omissions and repeated cleaning, and even works well in the dark.

- **5300Pa Powerful Suction**

Sweeps away debris sandwiched between gaps and dust hidden in carpets for a deeper, powerful clean.

- **Up to 2-Month Hands-Free with 3L Dust Bag**

Automatically empties the dustbin with 95% debris removal to keep your hands free for up to 2 months. †

- **52 dB Quiet Clean†**

Lower noise level to 52 dB - quieter than a running microwave, ensuring a hushed cleaning experience.

- **Up to 150 min Continuous Cleaning†**

The high-performance battery provides up to 150 minutes of continuous cleaning to clean your house in one run.

- **Up to 22 mm / 0.87 in Super Hurdle Capacity**

Effortlessly climbs over thresholds and obstacles under 22 mm / 0.87 in to provide a more thorough cleaning experience.

- **Up to 4 Multi-Floor Cleaning**

Accurately recognizes different floors faster with local-stored maps without the need for manual switch.

- **Voice & Remote Control**

Simply send voice commands via smart speakers or control via the Tapo app.

// 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
Main Brush Cover	Every 2 weeks	6-12 months
Side Brush	Once a month	3-6 months
Dust Bag	/	Replace when 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: 22 mm/0.87 in
- Anti-Drop Protection : Yes

Dock Features

- Auto Dust Collection: Yes
- Suction Power of Auto-Empty Dock: 17000 Pa
- Dust Bag Capacity: 3 L

Vacuuming Features

- Max Suction Power: 5300 Pa
- Suction Level Adjustment: 5 levels
- Dustbin Capacity: 300 ml
- Dustbin Detection: Yes
- HEPA Filter: H11
- Carpet Boost: Yes
- Noise: 52dB (Quiet mode), 55 dB (Default/Standard)

Mopping Features

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

Battery

- Battery Capacity : 2600 mAh
- Vacuum Max Battery Life: 150 min per charge (Quiet Mode)
- Recharge & Resume: Yes

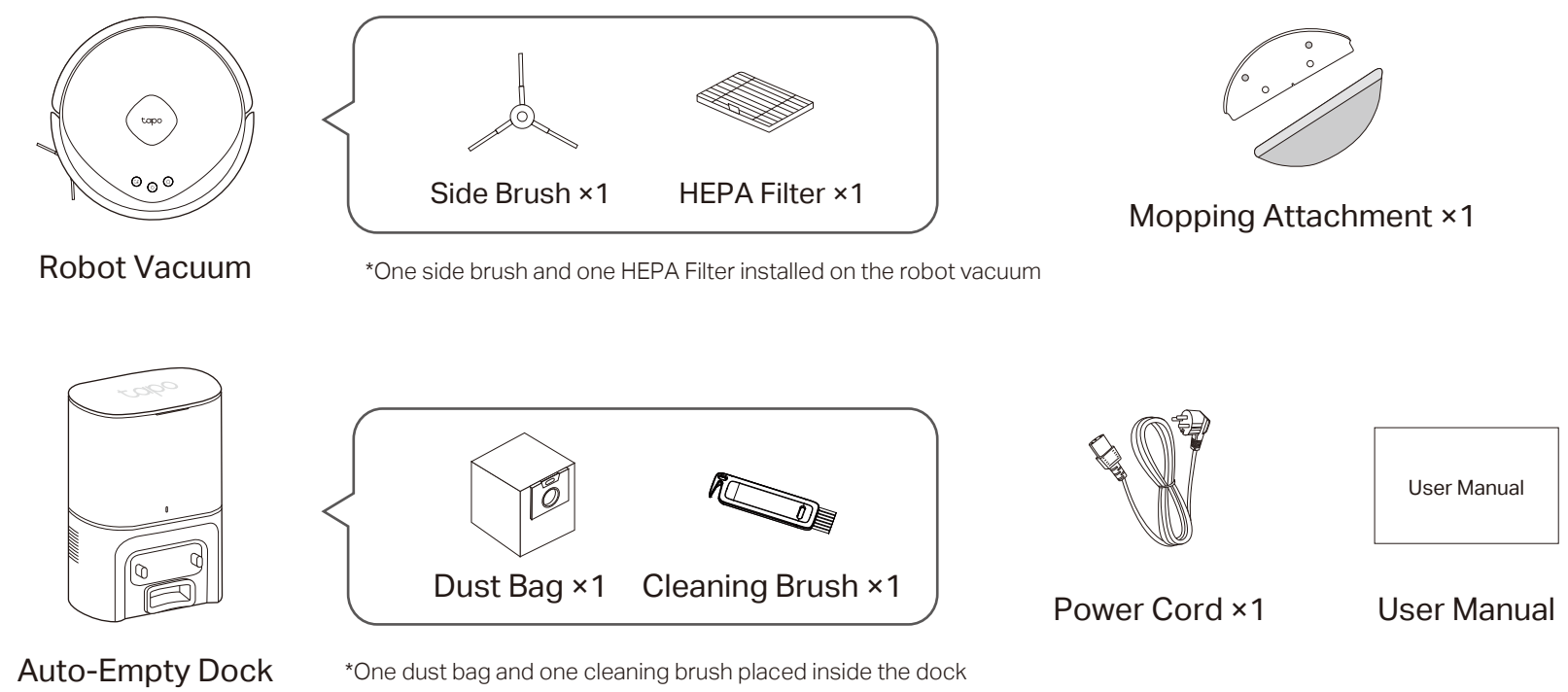
App Features

- 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: $\Phi 330 \times 100$ mm ($\Phi 13 \times 3.9$ in)
Auto-Empty Dock: $228 \times 164 \times 330$ mm ($9 \times 6.5 \times 13$ in)
- Package Contents:
Robot Vacuum Cleaner $\times 1$ (Includes HEPA Filter $\times 1$ and Side Brush $\times 1$)
Auto-Empty Dock $\times 1$ (Includes 3L Disposable Dust Bag $\times 1$ and Cleaning Brush $\times 1$)
Mopping Attachment $\times 1$
Power Cable $\times 1$
User Manual



Others

- Wireless Connection:
IEEE 802.11 b/g/n, 2.4 GHz band only;
Bluetooth 4.2 (only for onboarding)
- Rated Input Voltage: 100-120 VAC, 50/60 Hz (JP/US version), or 220-240 VAC, 50/60 Hz
- Max Charging Power Consumption: 10 W (DC20 V 500 mA)
- Max Working Power Consumption:
Robot Vacuum: 45 W
Auto-Empty Dock: 650 W
- Works with Google Home: Yes
- Works with Amazon Alexa: Yes

// Overview

Robot Vacuum



Power/Clean

- Press and hold for 3 seconds: Turn on/off the robot vacuum.
- Press once: Start/pause cleaning.

Dock

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

Spot Cleaning/Child Lock

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

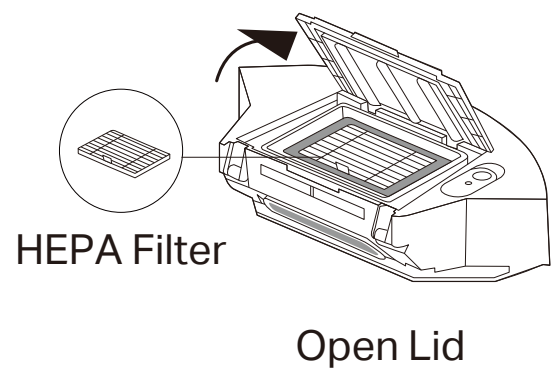
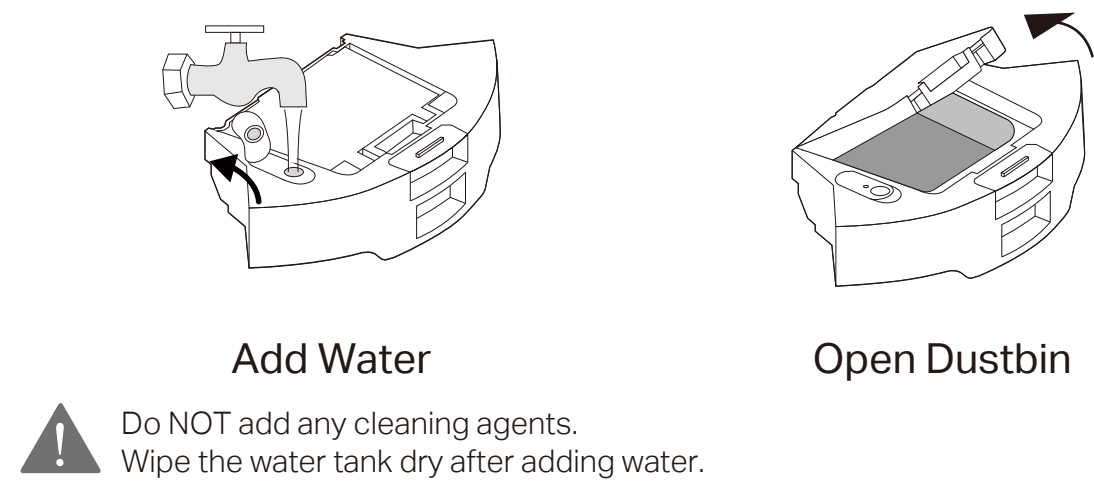
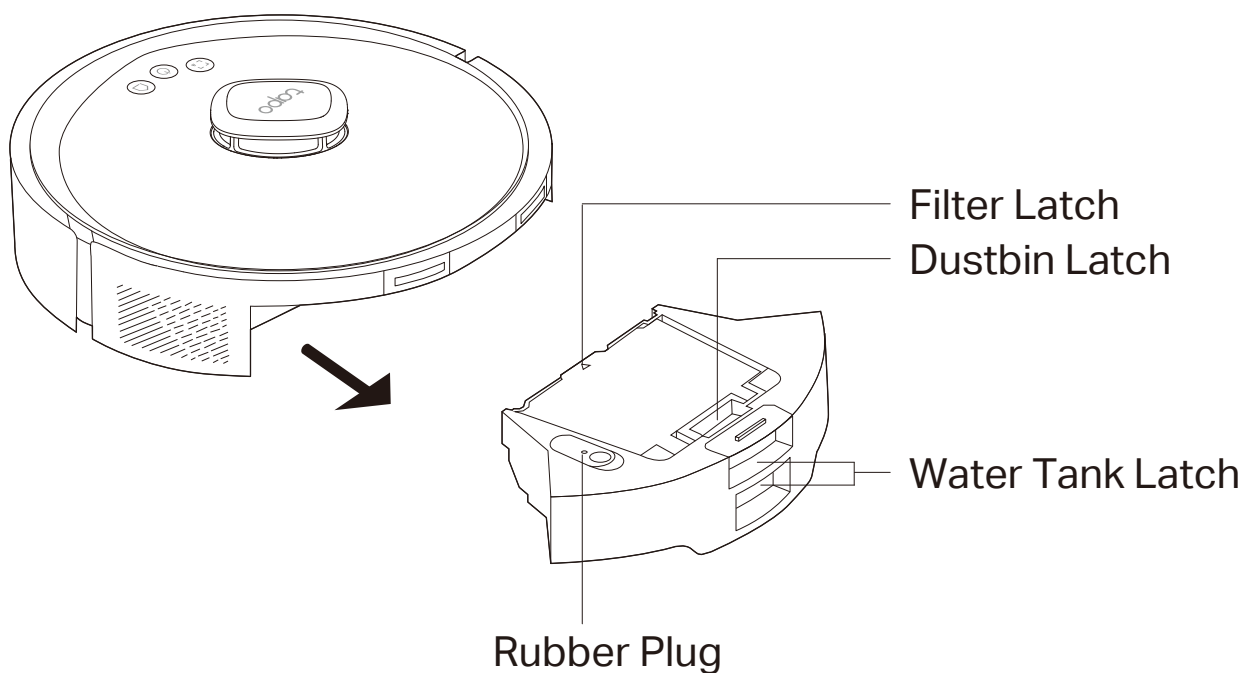
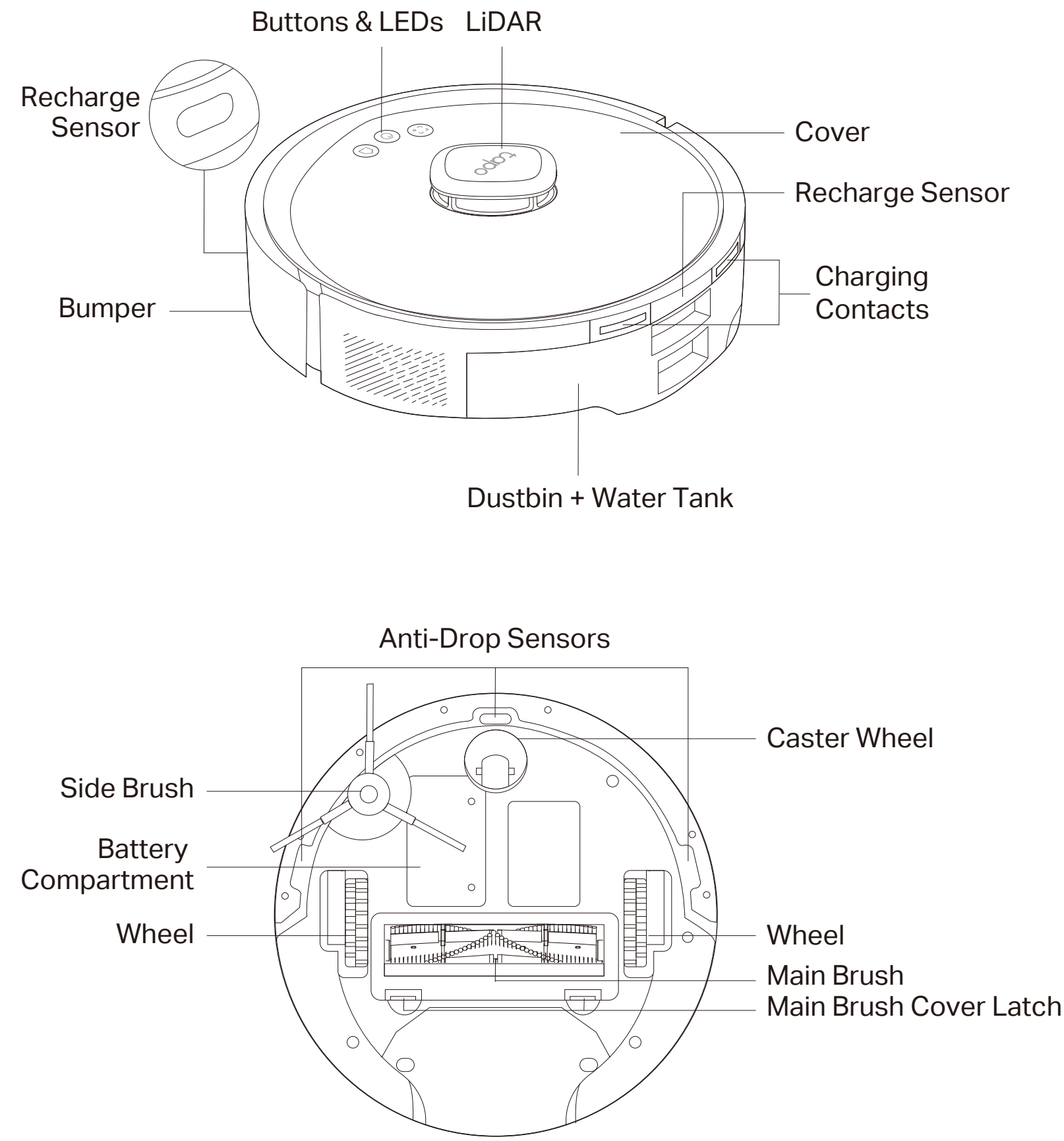
+ Combo Button

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

LED

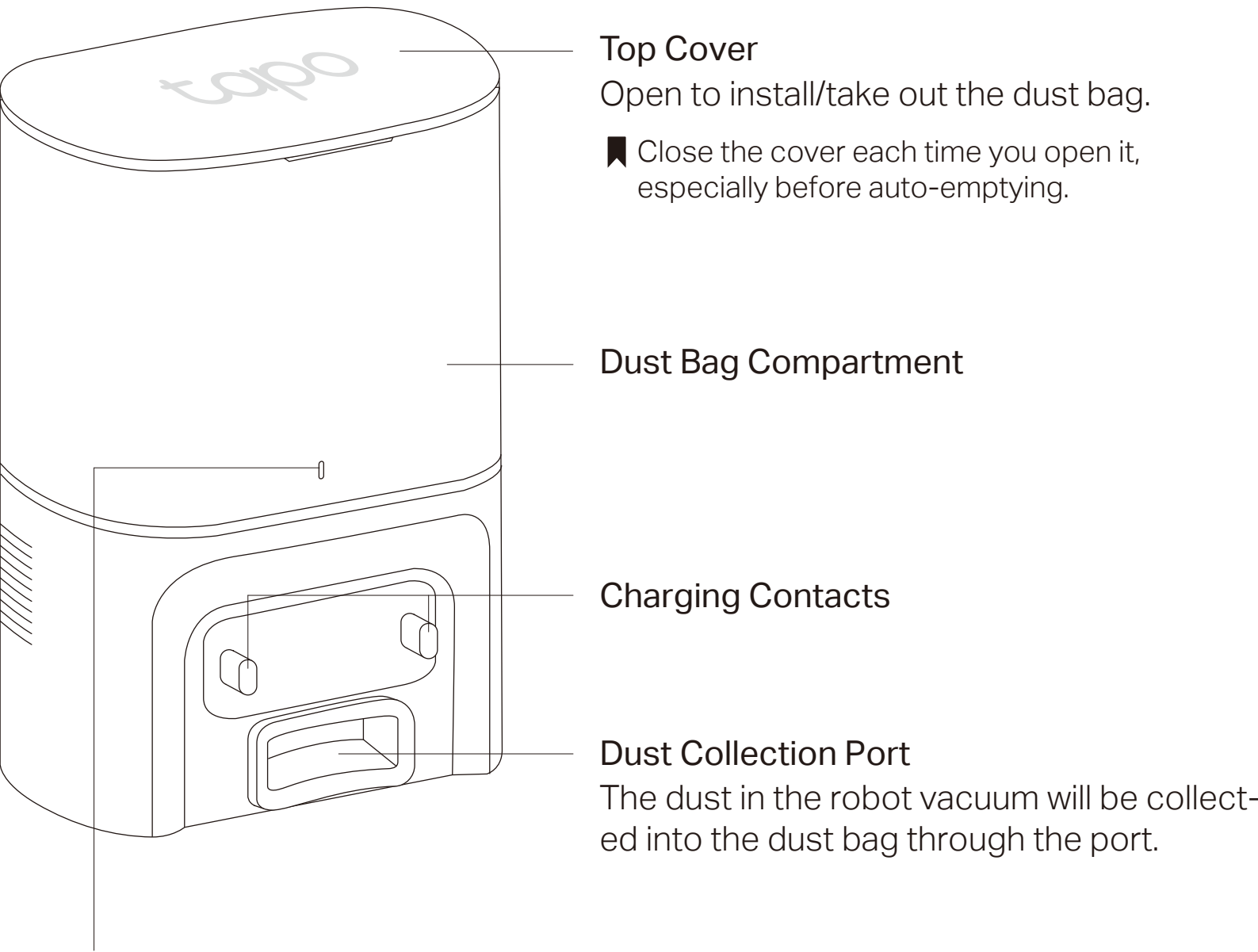
- Red: Battery level < 20%; Error
- Orange: Battery level between 20% and 80%
- Green: Battery level > 80%

Overview



// Overview

Auto-Empty Dock



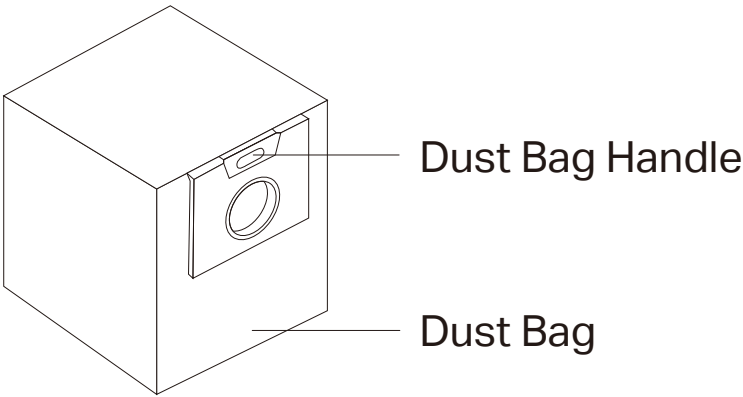
Top Cover
Open to install/take out the dust bag.
■ Close the cover each time you open it, especially before auto-emptying.

Dust Bag Compartment

Charging Contacts

Dust Collection Port
The dust in the robot vacuum will be collected into the dust bag through the port.

- LED Indicator**
- **White:** Working properly
 - **Pulsing White:** Charging the robot vacuum
 - **Flashing White:** Dust bag not installed or something wrong with the dust channel



Dust Bag Handle

Dust Bag

For support and warranty, please visit: <https://www.tapo.com/support>
*Based on internal testing by Tapo Lab. Actual results are subject to change due to the usage and environmental factors.
*Testing is conducted by Tapo Lab using Tapo RV30 Max Plus compared to Tapo RV30 Plus on rough wood floors. Actual results may vary according to the home environment.
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