# 3.4 Working zone setting

No-go zone

You can prohibit your TerraMow from passing through a certain zone by setting the No-go zone. The following scenarios require you to set this:

- Water edges, such as fishponds and swimming pools, especially with no clear boundary between the lawn and the water.

- Step or cliff that is more than 3 cm high.

- Small obstacles, e.g. clotheslines, tent ropes, water pipes.

- Low flowerbeds, especially those close to or less than 20cm high, where the robot can walk.

- Plants of economic value, or your beloved crops.

- Areas where you do not want your TerraMow to go.

- Areas where TerraMow's work would cause danger or damage.

- Areas where your TerraMow is difficult to pass through or often get stuck.

- Transparent objects, e.g. mosquito nets, glass doors.

- Rope, e.g. tent line

- Irrigation equipment, e.g. water hoses, sprinkler.

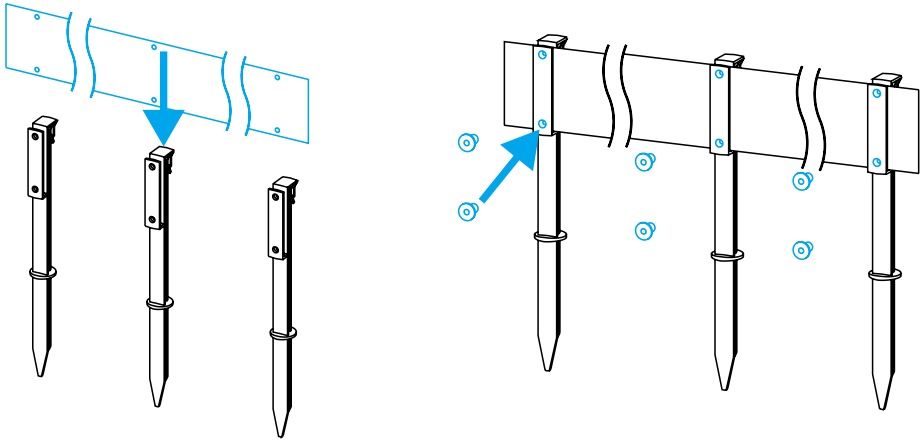- Electrical wires or devices.

- Pet houses

There are two ways to set the no-go zone:
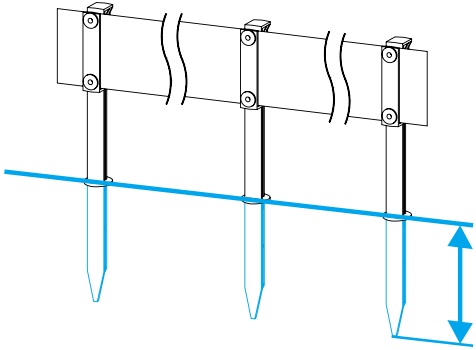
1.Setting by No-go zone marker:
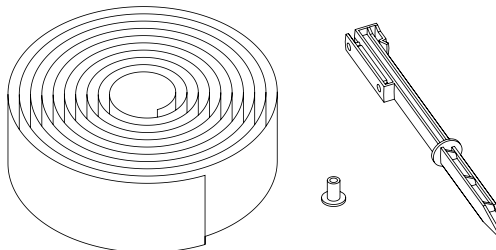
STEP 1: Fasten the No-go zone marker to the buttons on the stakes. Fasten the No-go zone marker to the buttons on the stakes.
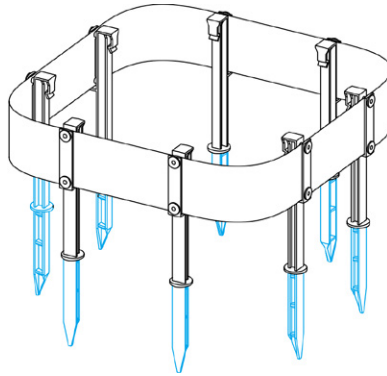
> **NOTE**: Allow multiple button holds to be spaced as needed for fixing.

STEP 2: Pin the staker to the ground.

> **NOTE:** It is OK for the maker to be installed as closed as a circle, or a straight line or curve. Please set it according to the actual situation.

Your TerraMow can record the location of the No-go zone marker. After your TerraMow has fully mowed your lawn for the second time, you can remove the marker, but of course it is still recommended to keep it on your lawn.

> **WARNING:**
> Setting by No-go zone marker is only recorded in the first mowing task. It must be set up before the robot is used for the first time in order to take effect.

2. Setting by App:

Please pause the TerraMow firstly, and set No-go zone or Virtual wall.
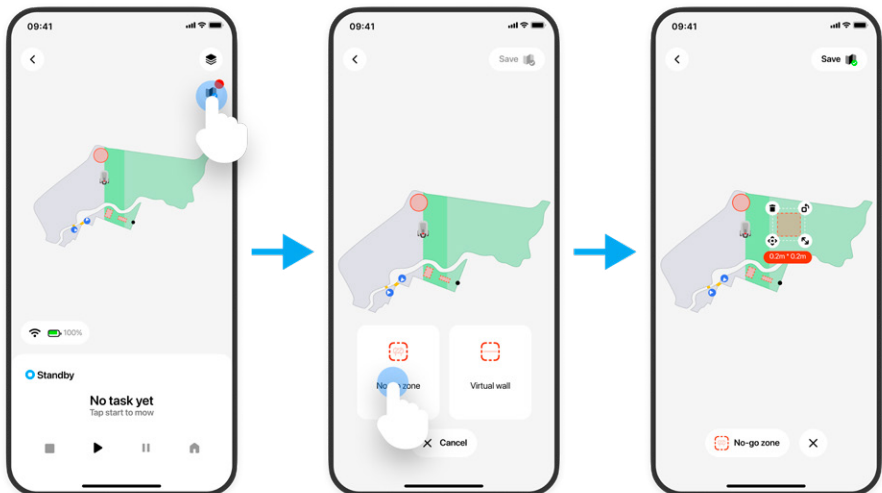
Additionally, when the TerraMow gets stuck, an icon will be displayed at the corresponding location. Following the App's guidance, you can automatically set a small no-go zone.
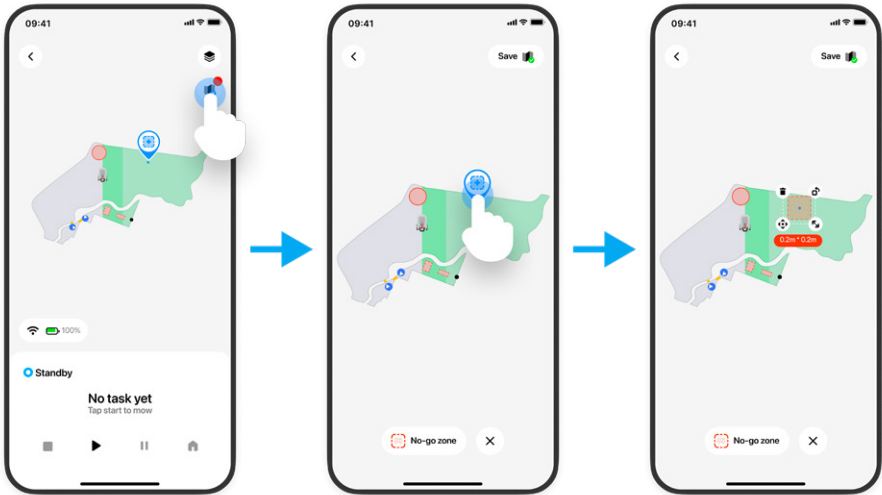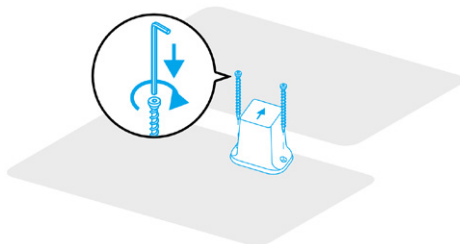

Multi zone

If your lawn has two grass zones within 5 meters (16') of each other and your TerraMow can safely pass between them, you can install a multi-zone pathway sign to instruct your TerraMow to cross between the two grass zones.
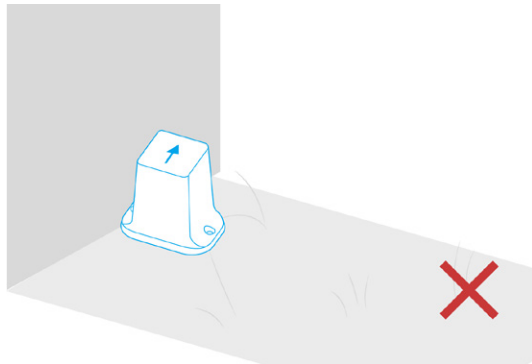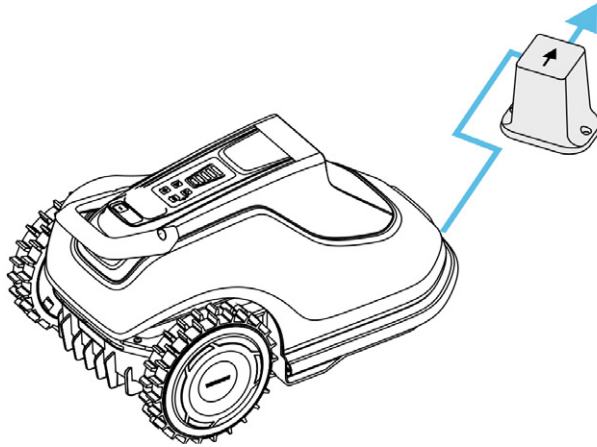
> **NOTE:** The multi-zone pathway sign must be set up before the robot is used for the first time in order to take effect.
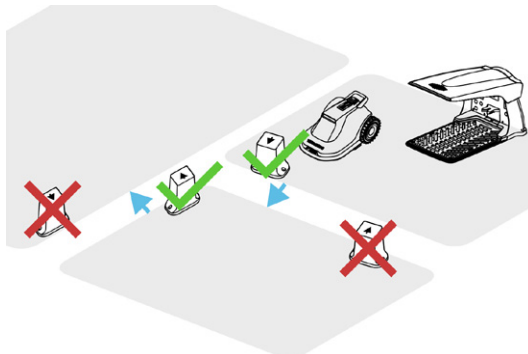
How to Use Multi-Zone Pathway Sign

1. Place the multi-zone pathway sign flat on the lawn, near the edge of the non-grass area.

2. Make sure there is enough space to the left of the sign for your TerraMow to pass through (at least 60 cm width).

• The multi-zone pathway sign indicates that your TerraMow should start crossing from the zone where the it is placed.

• Make sure the QR code on the multi-zone pathway sign is not obstructed.


NOTE:

- Your TerraMow will record the location of the multi-zone pathway sign after building the map. You can remove the signs after the TerraMow has completely mowed your lawn for the second time.

- Your TerraMow will not record any new multi-zone pathway sign after completing mapping or the first mowing task. If you need to add a new multi-zone pathway sign, please delete the current map in the App and rebuild it.

3.5 Set direction of cutting route

You can customize the cutting route direction of TerraMow as needed. Set in the App: "setting"-"Terra lab"- "Direction of cutting route". This setting requires the deletion of the old map and will take effect after a new mapping is performed. Therefore, it is recommended to configure it before your first mapping or mowing process.
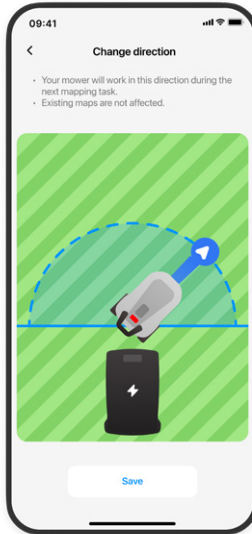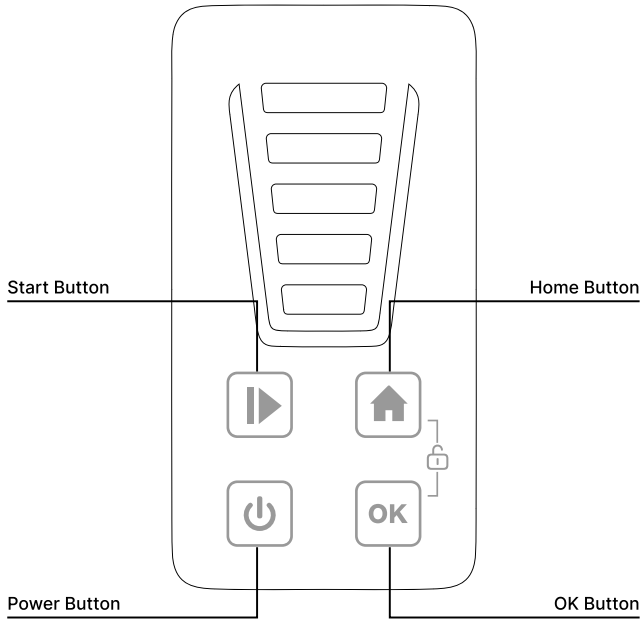
3.6 Start your first auto-mowing

1. 1.Place your TerraMow on the base station. Make sure the green light on its panel is on.

2. 2. To begin mowing, press $\blacktriangleright$ on the panel, followed by OK , or initiate it through the App (refer to section 4.3 "Mow - Start Mowing" for details).

3.Your TerraMow will start mowing while simultaneously building a map. After covering one grass zone, it will move to the next grass zone according to the multi-zone pathway sign. Finally, it will automatically return to the base station for recharging.

> **NOTE:** Your TerraMow also supports setting No-go zones by App during operation. Please refer to 3.4 Wkring zone setting.

4. Daily use

4.1 Panel operations

Before operating TerraMow using the panel, it is important to familiarize yourself with the buttons available on the panel. The panel includes four buttons: start, return to base station, power, and OK.

Start Button

Home Button

Power Button

OK Button

Operation	Step Description
Power off	When TerraMow is powered on, press and hold ⏻ for 3 seconds. TerraMow will provide a voice prompt. After the voice prompt finishes, TerraMow will shut down, and the indicator lights on the panel will turn off. Please note that the robot cannot be turned off while it is docked on the base station.
Power on	When TerraMow is powered off, press and hold ⏻ for 3 seconds to turn it on.
Start mowing	Press ▶ and then press the OK to confirm.
Auto-recharge	Press ⌂ and then press OK to confirm.
Spot mode mowing	When your TerraMow is not on the base station. Press ▶ then press OK to confirm. TerraMow will emit a voice prompt. Press OK to confirm again.
Pause	Press any button while your TerraMow is operating.
Stop	Press STOP
Activate/deactivate the child lock	Press and hold both ⌂ and OK for 3 seconds.
Reset the WiFi connection	Press and hold both ▶ and ⌂ for 5 seconds.
Restore factory settings	Press and hold both ▶ and ⌂ for 10 seconds.

4.2 Light Indicators

TerraMow is equipped with an LED light panel that contains five indicator lights. The diverse statuses of these lights inform you of the current state of TerraMow.
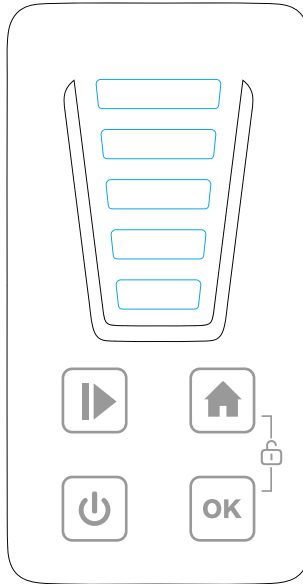
Light	State
Displays battery levels in white, turns yellow below 20%.	• Standby. • Paused. • Mowing. • Remote Control. • Mapping. • Processing data.
Displays battery levels in white breathing, turns yellow breathing below 20%.	• Returning to the base station. • Returning to the starting position.

|	
Displays battery levels in white slow flashing, turns yellow slow flashing below 20%.	• Waiting for Wi-Fi connection.
Red	• Error.
Red flashes 3 times.	• An error occurs.
Green	• Charging.
White flashes fast for 1 second.	• Child lock activated/deactivated. • Saving map, please wait before proceeding.
White flashes slow 3 times.	• Entering spot mode, waiting for the OK button to be pressed to confirm start.

Battery Level	LED Numbers
81%-100%	5
61%-80%	4
41%-60%	3
21%-40%	2
0%-20%	1

4.3 Mow

Start mowing

Before starting, ensure your lawn is prepared and the base station is correctly installed. Position your TerraMow on the base station to verify it's charging, as shown by a green light on the panel. After confirming, proceed to mow using one of the following three methods:
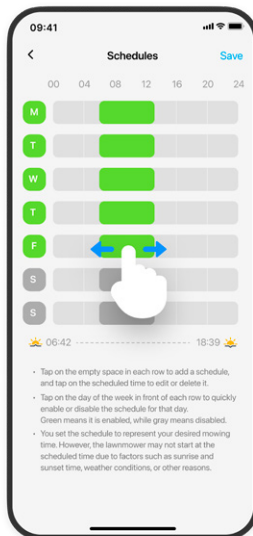
1. Start mowing through the app.
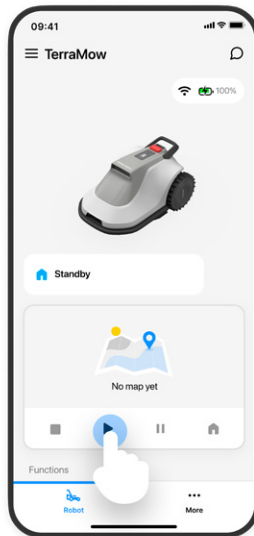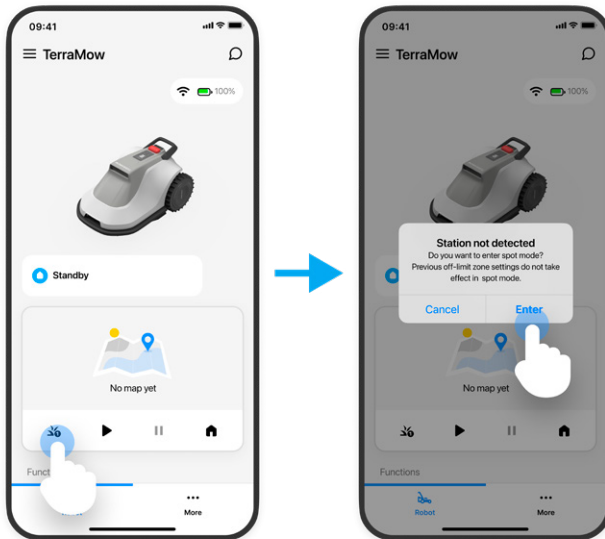
2. Press ▶ then press OK to start mowing.
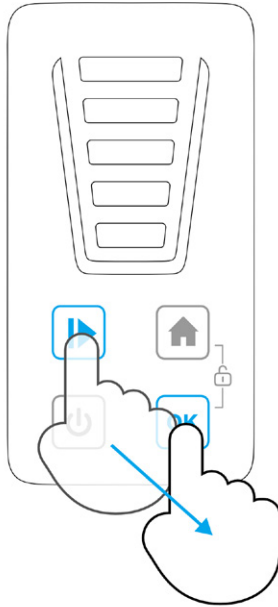
3. Set up a mowing schedule through the App. TerraMow will automatically start mowing when the scheduled time is reached.

Start Spot Mode mowing

To start Spot Mode mowing with your TerraMow, first power on the mower and place it on the lawn where you want to mow. It is important to note that, in Spot Mode, there is no need to set up a base station on the lawn to be mowed, nor can Spot Mode be initiated from the base station. Once your TerraMow is ready, you can start Spot Mode mowing in one of the following two ways:

- Start Spot Mode mowing through the app. When starting the mowing process through the App, if it detects that your TerraMow is not on the base station, it will automatically prompt and start Spot Mode mowing.

- Press $\boxed{\blacktriangleright}$, then press $\boxed{\text{OK}}$ to start. TerraMow will emit a voice prompt. Press $\boxed{\text{OK}}$ again to confirm.
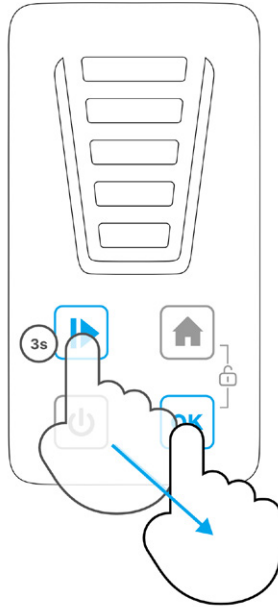
Pause

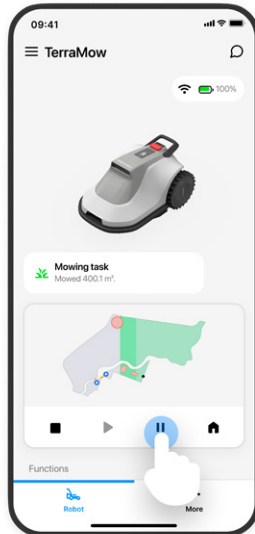While TerraMow is in operation, you can pause its work in any of the following three ways:

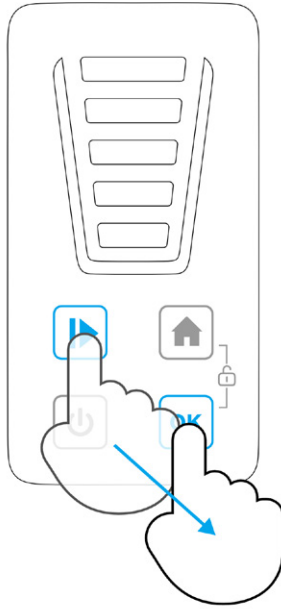- Press any button on the panel.
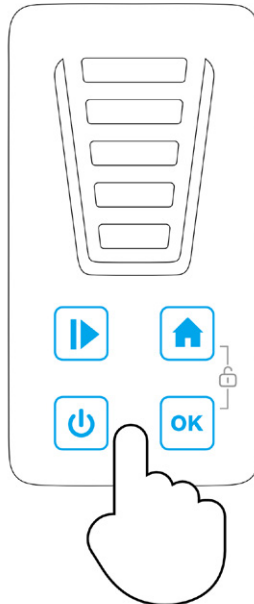
- Press STOP on your TerraMow
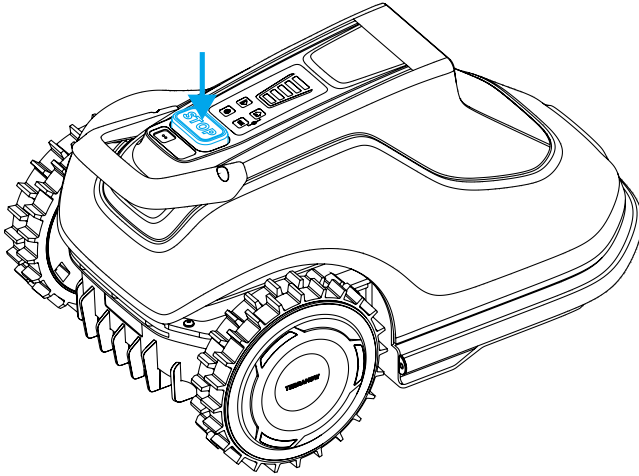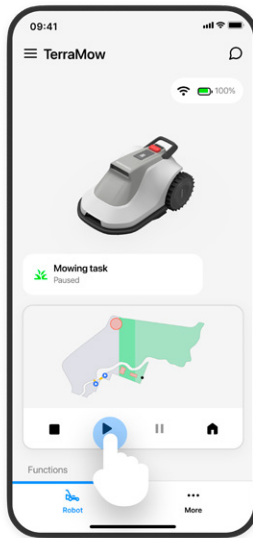

- Pause TerraMow's operation through the app.

Resume mowing

When TerraMow is in a paused state, you can resume its operation in one of the following two ways:
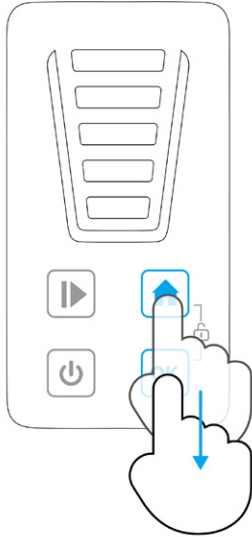
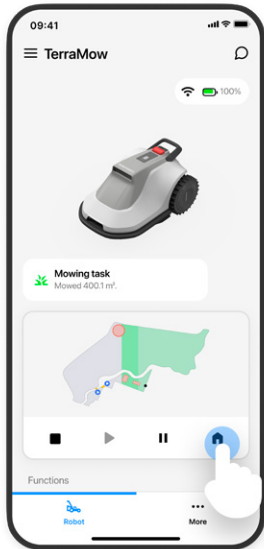1. Press ▶ , then press OK to continue working.

2. Resume TerraMow's operation through the app.

Stop mowing

To stop the mowing session, initiate the auto-recharge function for the robot. There are two ways to do this:
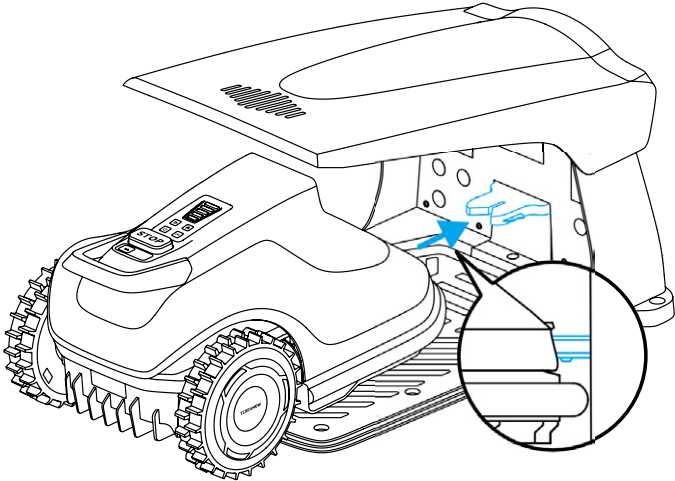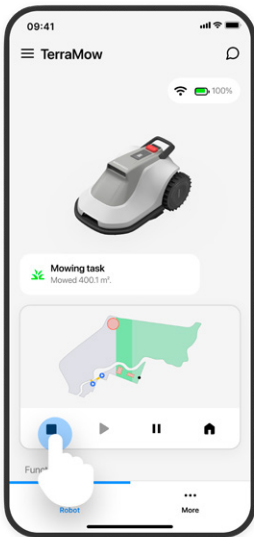
1. Press 🏠 , then press OK

2. Start the auto-recharge process through the App.

You can also end the current mowing session by manually carrying your TerraMow back to the charging station.


If you need the robot to end the mowing session on the spot, you can also do so by using the "done" function in the app.

Auto Mapping

When TerraMow performs its first mowing task, it also initiates the mapping function. If you wish to map your lawn more quickly without mowing, you can use the mapping feature. First, place your TerraMow in the base station, and then start mapping via the App.
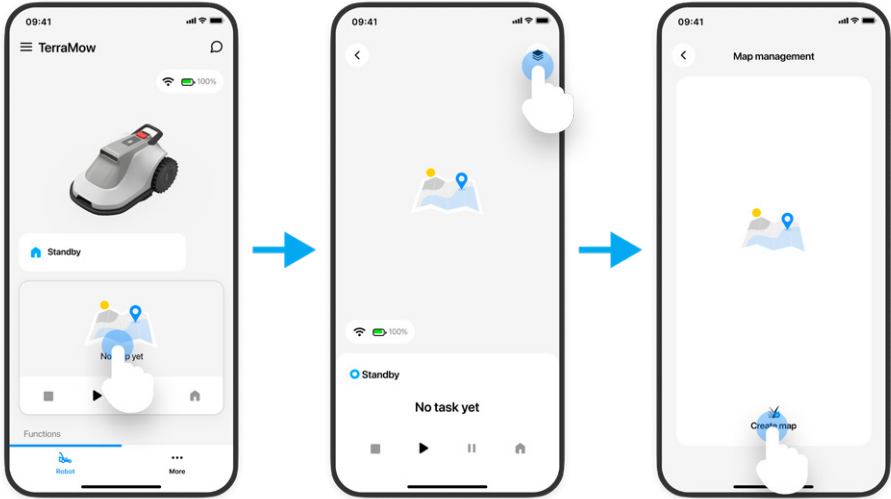
4.4 TerraMow App

The TerraMow App is an important part, and gives you an easy way to control your TerraMow.

NOTE:

The TerraMow App may request access to your phone's permissions location, notifications, and Wi-Fi network permissions for optimal functionality. To enjoy a seamless experience, it is recommended to grant these permissions. For further details, please refer to our Privacy Policy in the App under "More"-"About"-"Privacy policy".

"Robot" tab
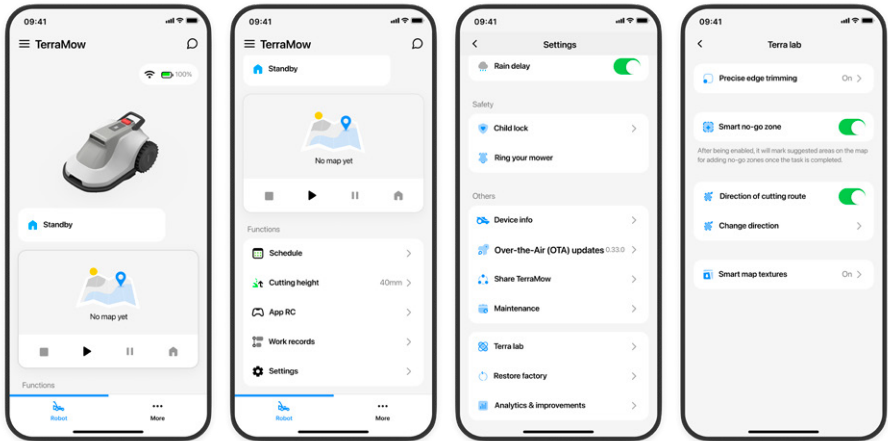
Icon	Function	Description
≡	Manage TerraMows	Add, manage, switch your TerraMows
▶	Start/Resume	Start a new task, or resume current task
❚❚	Pause	Pause current task
■	Stop	End current task, and standby in place

	Return to home	End current task, and return to the base station
	Return to the starting position	End spot mode, and return to the starting position
	Edit map	Set up no-go zones and virtual walls in the map
	Map settings	Name or delete map
	Schedule	View, add and edit TerraMow's mowing schedule
	Cutting height	Control the blade disc motor to adjust cutting height
	Remote control	Control TerraMow's movement remotely
	Mowing records	View TerraMow's work records
	Rain delay	Control whether TerraMow works when rain is detected
	Child lock	Enable child lock to prevent accidental mower starts
	Ring your TerraMow	Make your TerraMow emit sound for an easy location
	Device info	View your TerraMow's device info, including WiFi address, IP address, SN and so on
	Over-the-Air (OTA) updates	Check and update your TerraMow's firmware
	Share your TerraMow	Share your TerraMow with your friends or family members via account
	Maintenance	Check the usage time and lifespan of each part of your TerraMow
	Precise edge trimming	Set up TerraMow's strategy for detecting and trimming the lawn's edges
	Smart no-go zone	Mark suggested areas for adding no-go zones on the map
	Customized direction of cutting route	Customize TerraMow's cutting route direction as needed
	Real-life map	Set "Settings"-" Terra lab"-"Smart map textures" to On. After the next mowing session is complete, click on this button to view a real-life map.

"More" tab
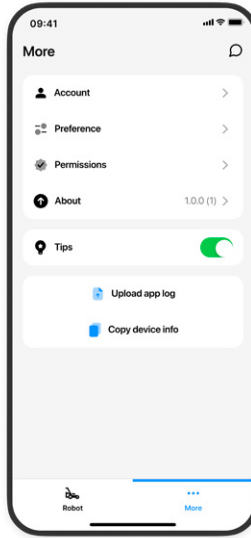
Icon	Function	Description
👤	Account	Manage your TerraMow App account
⚙️	Preference	Customize your TerraMow app, including unit and language
✅	Permissions	View and manage all system permissions required by TerraMow app
⬆️	About	View TerraMow App version, check both privacy policy and user agreement of TerraMow app

4.5 OTA update

For a better experience, we recommend you keeping both your TerraMow App and TerraMow mower updated to the latest versions at all times. Please refer to 3.3 Activate TerraMow- Update to the latest firmware.