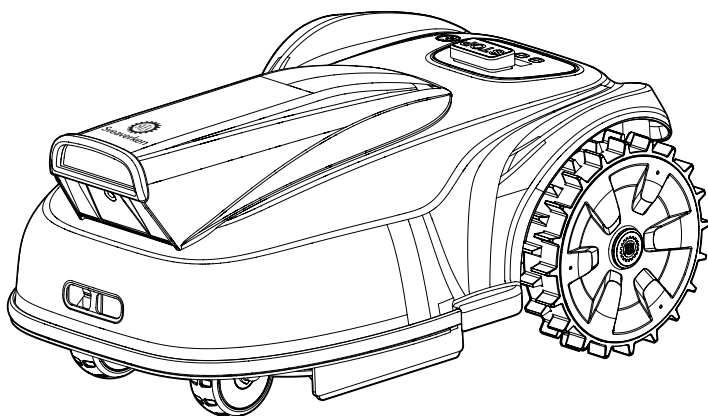




Alva Robotic Lawn Mower
User Manual

Copyright Page

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Preface

How to Use the Manual: Instructions on how to navigate and use the manual effectively.

Legend			
 Warning	 Important	 Hints and Tips	 Reference

1 Safety Information

1.1 Safety Definitions

Warnings, cautions, and notes are used to highlight particularly important parts of the manual.

- **WARNING:** Indicates a risk of injury or death for the operator or bystanders if the instructions in the manual are not followed.
- **CAUTION:** Indicates a risk of damage to the product, other materials, or the adjacent area if the instructions in the manual are not followed.
- **Note:** Provides additional information that is necessary in a given situation.

1.2 General Safety Instructions

WARNING: Read the following warning instructions carefully before using the product.

Read the Operator's Manual: Ensure you understand the instructions before using the product. Keep the manual for future reference.

Supervision and Instruction: This appliance is not intended for use by children or persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety. EU requirements allow this appliance to be used by children aged from 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 the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be done by children without supervision.

Operator Responsibilities: The operator assumes full responsibility for all accidents or hazards that occur to people or property while using this equipment. This responsibility includes proper installation, safe operation, and maintenance of all safety features. The operator must ensure all additional users are properly trained in safety procedures and must maintain constant supervision of the work area when the equipment is in use.

1.2.1 Work Area Safety

WARNING: Failure to follow proper safety procedures may result in injury or damage to property.

When operating in public areas, warning signs must be prominently displayed at all entry points to the work area. Each sign must clearly state: "Warning! Robotic lawn mower working! Keep away and supervise children and pets." These signs must remain clearly visible throughout the operation and should be removed when the mower is not in use.

The work area must be completely cleared of people, especially children, and all pets before operation begins. No one should enter the work area while the mower is operating. All toys, recreational equipment, garden tools, and debris must be removed from the area before starting the mower.

1.2.2 Equipment Safety

The safe operation of this equipment depends on using only Sveaverken-recommended components and original Sveaverken batteries. The use of unauthorized parts may compromise safety features and void warranty protection. All safety features and warning labels must be maintained in good condition and replaced if damaged or illegible.

Power supply cables require special attention for safe operation. All cables must be routed outside the mowing area to prevent damage. The installation must include an appropriate Residual-Current Device (RCD) for electrical safety. Operators must inspect cables regularly for signs of wear or damage. If any cable becomes damaged during operation, immediately disconnect it from the power outlet and contact authorized service personnel for replacement. A damaged or worn cable presents a serious electrical hazard and must never be used.

1.2.3 Operational Safety

The mower must be immediately powered off if any abnormal vibration occurs or if damage is detected. In the event of an accident or injury, seek immediate medical attention. Before performing any maintenance, clearing blockages, or examining the product, the mower must be completely powered off and all moving parts must come to a complete stop.

Never touch the blade disc or other moving parts until they have completely stopped moving. When maintenance is required, particularly when changing blades, proper protective gloves must be worn and appropriate tools must be used. This ensures both operator safety and prevents damage to the equipment.

1.2.4 Maintenance

WARNING: Always power off the product before maintenance.

Regular maintenance inspections must be performed weekly. This includes checking blade conditions, verifying safety features are functioning properly, and ensuring warning signs remain visible and legible. The emergency stop function should be tested before each use.

Indoor storage is required when the mower is not in use. The storage area must be inaccessible to children, and the mower must be thoroughly cleaned before storage. All power connections should be disconnected during long-term storage.

1.2.5 Charging Station Safety

The Charging Station provided with your mower is specifically designed for this model. No other charging methods should be used. The station must be installed in a location that meets all clearance requirements and must be kept free of debris. During thunderstorms, disconnect all power and wiring from the Charging Station to protect the electrical components. After the storm passes, reconnect all wires carefully, ensuring proper connections.

1.2.6 Battery Safety

WARNING: Improper battery handling may result in fire or explosion.

Original Batteries: Use only original batteries recommended by Sveaverken. Product safety cannot be guaranteed with non-original batteries.

The mower must only be charged using the included Charging Station. In the event of battery electrolyte leakage, immediately flush the affected area with water or an appropriate neutralizing agent. If any corrosive liquid contacts your eyes, seek immediate medical attention.

1.2.6.1 Maintenance and Storage

Indoor storage is required when the mower is not in use. The storage area must be inaccessible to children, and the mower must be thoroughly cleaned before storage. All power connections should be disconnected during long-term storage.

2. Product Introduction

2.1 Introduction

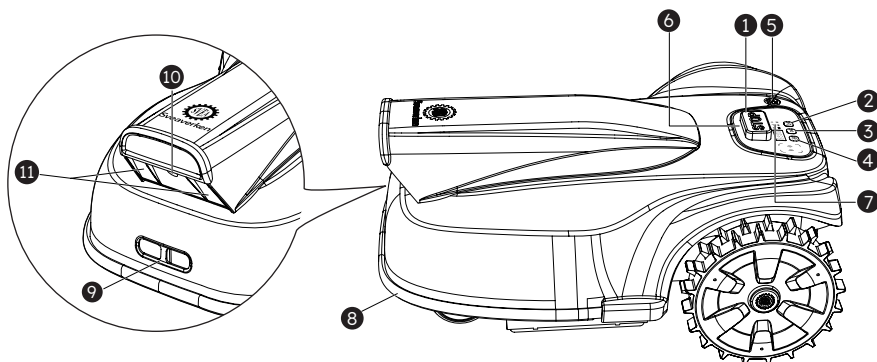
The Sveaverken Alva is an advanced robotic lawn mower designed to provide efficient, autonomous lawn care. This user manual covers the setup, operation, and maintenance of Alva.

Alva utilizes cutting-edge positioning technology, including RTK and vision sensors, to create a precise map of your yard for navigation and mowing coverage. It features obstacle avoidance, autonomous path planning, and virtual boundary mapping capabilities through the companion app: SveaMow.

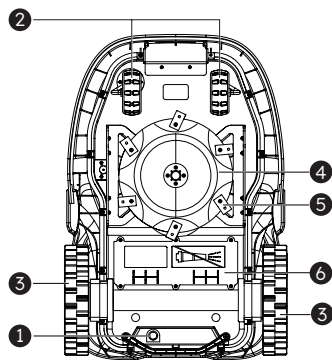
Designed to mow lawns frequently, Alva removes a short amount of grass height at a time. This gentle, consistent mowing stimulates healthy grass growth, reduces weed germination, and results in a pristine, uniform lawn without the need for extensive cleanup.

2.2 Parts

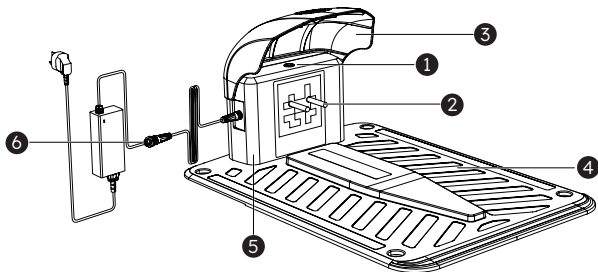
2.2.1 Robotic Lawn Mower



Number	Part name	Number	Part name
1	Emergency Stop button	7	Indicator lights: Wi-Fi indicator / RTK signal indicator / Bluetooth indicator / Battery indicator / Lock indicator / Blade indicator
2	Recharge button	8	Anti-collision strip
3	Confirm	9	Charging port
4	Start	10	Camera
5	Rain sensor	11	Searchlight
6	Control panel		



Number	Part name	Number	Part name
1	Power button	4	Blade deck
2	Universal wheel	5	Cutting blades
3	Driving wheel	6	Battery holder



Number	Part name	Number	Part name
1	Power button + Status indicators	4	Charging deck
2	Charging rods	5	Garage
3	Weather shed	6	Power cables and adapter

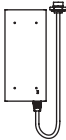
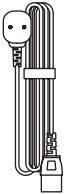
2.3 Specifications

Specs		Sveaverken Alva
Capacity	Max mowing size	2,000 m ² (0.5 acres) per day
	Boundary type	Virtual boundaries (No perimeter wires)
	Net weight	13.3kg
	Dimension	645 mm×444 mm×420 mm 25.4 in×17.5 in×16.5 in
	Max climbing ability	33° (65%)
	IP Rating (dust, waterproofing) (mower, Charging Station, RTK reference station)	Mower: IPX5 Charging Station: IP65
Positioning & Navigation	Positioning system	RTK & RGB Vision
	Radio RTK mode & Network RTK mode	Supported
	User interface	Keyboard & app control
	Firmware update	OTA
	Connectivity	4G/ Wi-Fi& Bluetooth
Cutting System	Cutting width	260 mm / 10 inches
	Cutting height range	Standard: 20-60 mm / 0.8-2.4 inches High-cut Version: 40-80 mm / 1.6-3.2 inches
	Mowing speed range	0.3-0.5 m/s
	Blade speed range	High, medium, and low
	Blade type	6 pivoting stainless steel blades
	Cutting mode	Parallel stripes with a specific angle
Product Safety	Object detection & avoidance system	RGB camera & physical bumper
	Lift sensor	Yes
	Security system	PIN access, alarm, Charging Station pairing, GPS theft tracking
	Tilt sensor	Yes
Battery & Charging	Single battery capacity	95 Wh
	Battery type	Lithium-ion battery
	Charging mode	Automatic & manual
	Auto-recharge	Yes
	Mowing time per full charge	120 min
	Charging time	60 min

3. Before Use

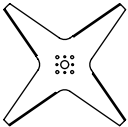
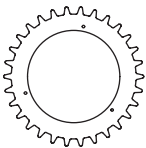
3.1 In the Box

Charging Station Kit



Power Supply Cable Extension Cable Power Adapter

Mower Accessory Kit



Ground Gripper*2 M4 Screw*6 Star blade *1

Universal Tool Kit



(Large) (Medium) (Small)

Hex Wrench



M8 Wrench Screwdriver



8 Expansion Screw*3 Spare Blade*6 Skid Plate Screw*6



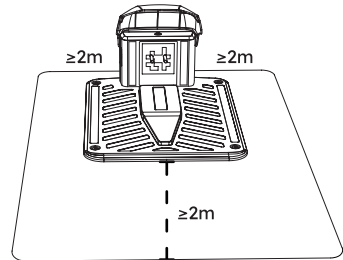
M6 Screw*3 Screw*4

4. Set Up

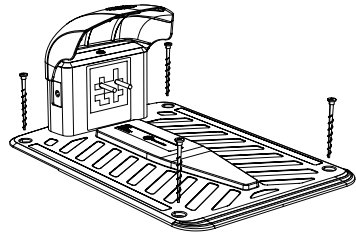
4.1 Install Mower and Charging Station

1. Place the Charging Station on a flat, horizontal surface. There needs to be a 2 meter (6 feet) radius around the Charging Station for the mower to have enough clearance to return home accurately without hills, slopes, depressions, potholes or obstacles.

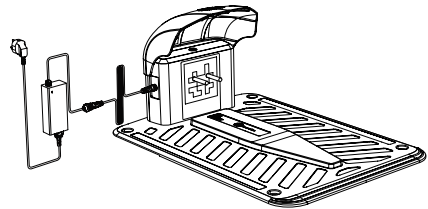
a. Ensure that the grass under the Charging Station board is not higher than 5cm (about 2 inches).



2. Secure the Charging Station and garage to the ground with bolts.



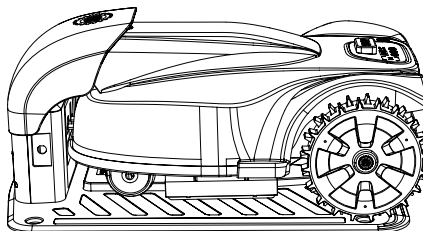
3. Connect the power adapter (note: this must be placed indoors), 10-meter extension cable and power cable, and plug them into the power socket.



4.2 Docking Alva

After setting up the Charging Station, get the mower and physically connect it to the Charging Station through the following methods:

- Press the button on the Charging Station, confirm that the indicator light turns green and flashes quickly, entering direct charging mode.
- Dock the mower to the Charging Station shown in the picture below and wait for it to power on.
- After confirming that the mower is powered, turn on the mower.



5. Instructions for Use

5.1 Preparation

- Read and understand our safety tips before use.
- Deploy the Charging Station.
- Dock Alva to the Charging Station. If this has not been done, refer to the docking steps.
- Make sure your phone's Bluetooth is turned on.

5.2 Download the SveaMow App

Sveaverken robotic lawn mowers are designed to be used with an app. Please download the SveaMow app first. You can get it by scanning the QR code below, from App Store or Google Play.



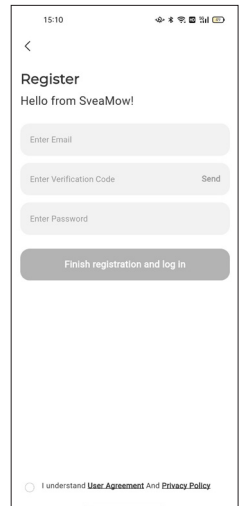
5.3 Register an Account

5.3.1 Register and Log In

After the app is downloaded, you can create an account following the instructions below.

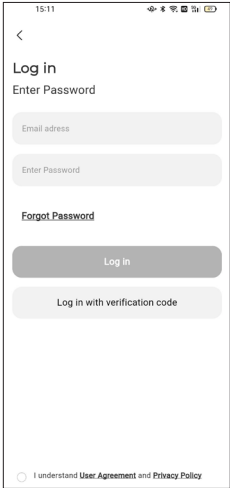
5.3.1.1 Register with Email

1. Click Register Now.
2. Enter an email address.
3. Click the Send Verification Code button, and a verification email will be sent to your email address (if not received, please check your spam folder).
4. Enter the verification code (the valid period of the verification code is 10 minutes, please click the send button again to get a new verification email).
5. Set a password (the password needs to be between 8 and 22 characters, with at least lowercase letters and numbers).
6. Check and select User Agreement and Privacy Policy.
7. Click Finish registration and log in.

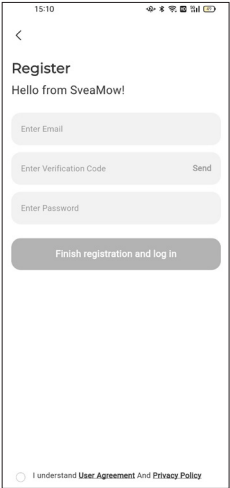


5.3.2 Log In

Enter "User name (i.e. phone number/ email) + password" or "User name (i.e. phone number/email) + verification code", check and select the User Agreement and Privacy Policy, and click Log in to enter system interface.



Password login



Login with verification code

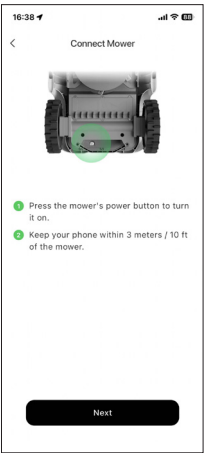
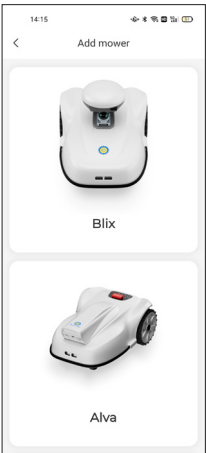
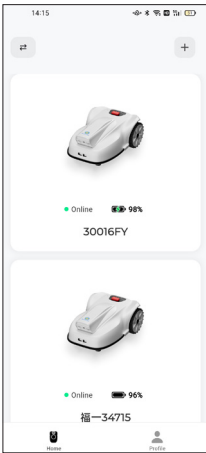
5.4 Deploy Mower

5.4.1 Binding and Configuring Alva



Note: Ensure Bluetooth is turned on, and the distance between your phone and the mower is less than 3 m.

1. Click + Add Device.
2. Select Alva.
3. Follow the instructions to complete the binding process.

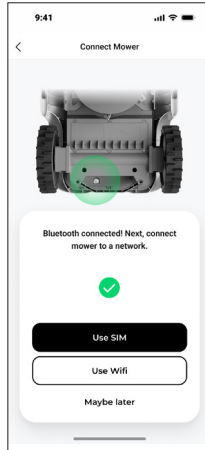




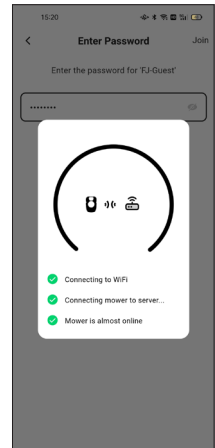
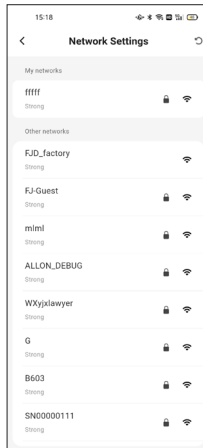
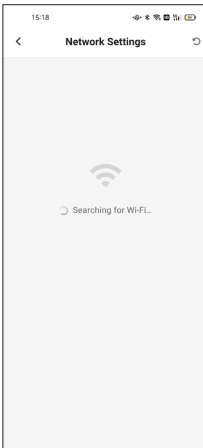
Note:

- Sveaverken robotic lawn mowers support 2.4 GHz Wi-Fi network only.
- If you are using an iOS device, the mower can only be connected to the Wi-Fi that your mobile device is connected to. Please make sure your mobile device and the mower are connected to the same Wi-Fi.

- Select SIM card or WiFi for network configuration



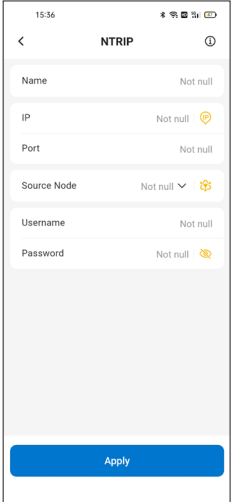
- SIM card
 - Alva comes with a built-in SIM card, which can be used directly after activation.
- WIFI
 - Select the Wi-Fi network to connect to
 - Enter Wi-Fi Password
 - Click Join to complete network configuration and machine binding



5.4.2 Set Positioning Mode

5.4.2.1 NTRIP Mode

1. Before use, please contact your dealer to complete Ntrip configuration in advance. Once the binding is completed, it can be used directly.
2. You can also use your own NTRIP, just follow the instructions:
 - 1). Select NTRIP in the positioning mode.
 - 2). Read the installation instructions.
 - 3). Enter the required NTRIP network RTK configuration.
 - 4). Apply and wait for deployment completion.



The screenshot shows a mobile application interface for NTRIP configuration. At the top, the status bar displays the time 15:36 and various icons. The app header shows a back arrow, the title 'NTRIP', and a settings icon. The configuration form includes the following fields: 'Name' (placeholder: 'Not null'), 'IP' (placeholder: 'Not null' with a location pin icon), 'Port' (placeholder: 'Not null'), 'Source Node' (placeholder: 'Not null' with a dropdown arrow and a gear icon), 'Username' (placeholder: 'Not null'), and 'Password' (placeholder: 'Not null' with an eye icon). A large blue 'Apply' button is positioned at the bottom of the form.

5.4.3 Create a Map

5.4.3.1 Before Mapping

Before creating a map, you should read the following notes for best practice:

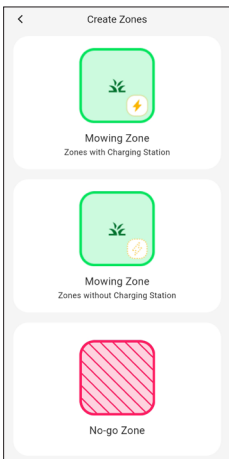
- Clean up debris, piles of fallen leaves, toys, wires, stones and other obstacles on the lawn before creating a map. Make sure there are no children or animals on the lawn.
- The lawn mower is in normal condition and has good positioning function.
- During the mapping process, to ensure best possible Bluetooth connection and handling of any on-site rubble or debris, follow the mower and keep within a distance of 3 m.
- Draw your map along the edge of the lawn, and Alva will handle the internal completion of the map.

5.4.3.2 Create Work Zone

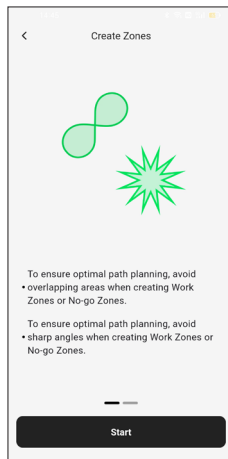
5.4.3.2.1 Create Work Zone With Vision

1. Make sure the mower is powered on and docked to the Charging Station as normal. The emergency stop button must be turned off, and battery level should be at least above 50%.
2. Tap {Start} button or {Create Map} on the device management page.

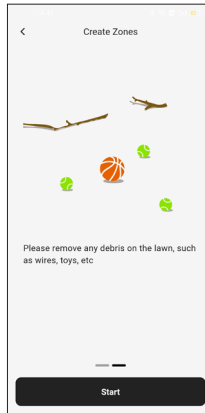
3. Select Mowing Zone (either with or without Charging Station, depending on your setup).



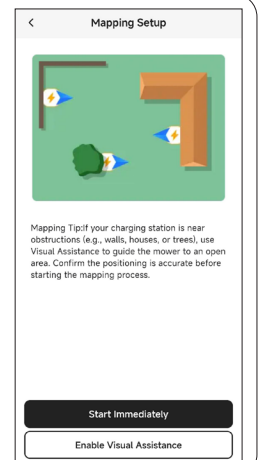
4. Create a mowing map area via the path planning in the app.



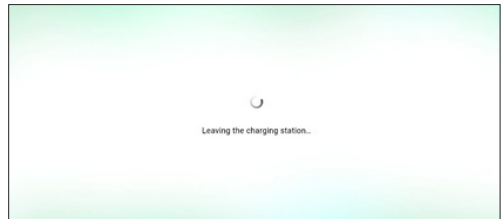
5. Remove debris from the lawn before mapping.



6. Click "Enable Visual Assistance" to begin creating the map



7. The mower will leave the Charging Station automatically.

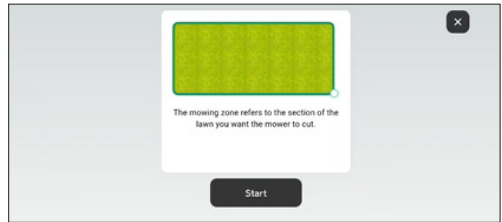


a. The solid line marks the boundary you have drawn.



8. After Alva stops, the mowing area can be established through the app.

a. After tapping the {Start} button, operate the joystick to remotely control the mower to draw your lawn boundary.

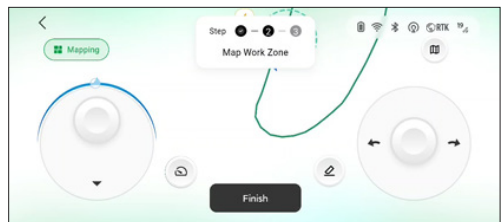


b. The lawn map will not be created until you control the mower to return to the starting point.

9. If necessary, tap the {Erase} button, and the mower will roll back along the already drawn path, erasing the boundary of the rolled back work area.

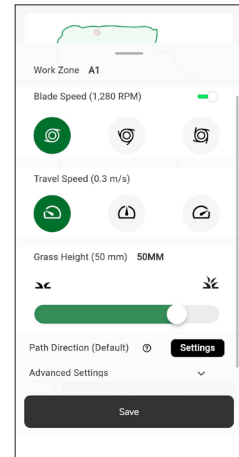


10. Control the mower to the starting point and tap the {Finish} button to save the work area.



11. Name the work zone.

12. Select the default mowing configuration for the plot, including the Grass Height, Blade Speed, Travel Speed, and Path Planning.

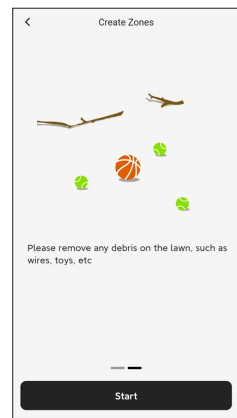
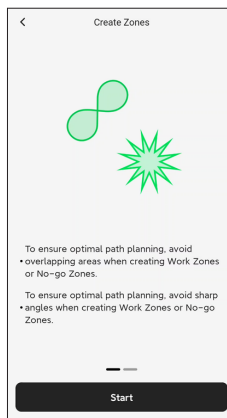
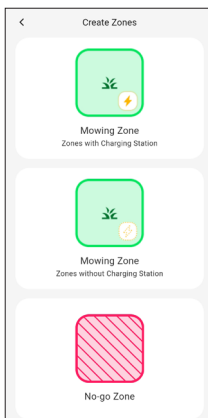


13. You've completed your work zone!

5.4.3.2.2 Create Work Zone Without Charging Station

1. Make sure the mower is powered on and docked to the Charging Station as normal. The emergency stop button must be turned off, and battery level should be at least above 50%.
2. Click the {Start} button in the process or the {Create Map} button on the Facility Management page.

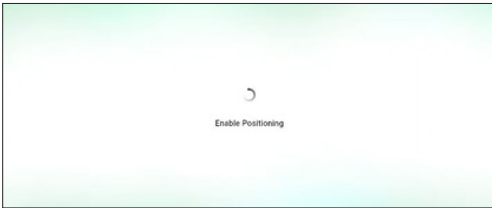
3. Click on the mowing area without charging stations.



4. Connect the mower via Bluetooth.

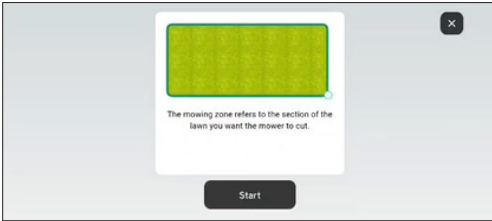


5. Enable positioning.

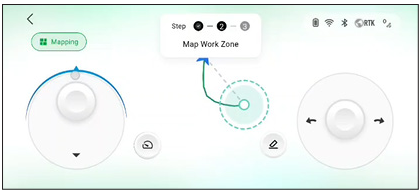
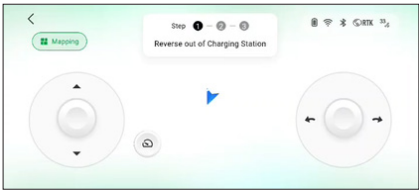


6. Create the mowing area through the app.

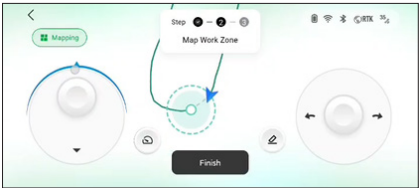
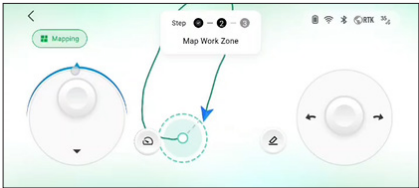
a. After tapping the {Start} button, operate the joystick to remotely control the mower to travel along the desired lawn edge to draw your lawn boundary.



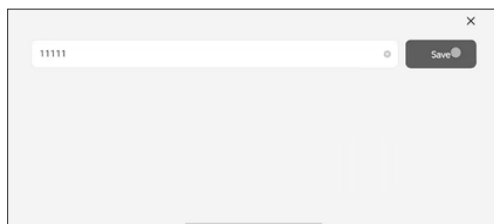
b. Manually control the mower on the app to create a map.



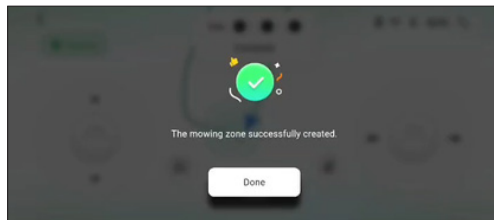
c. The solid line marks the boundary you have drawn, control Alva to return to the starting point, and click the Finish button to save the working area.



7. Name the work zone.



8. You've completed your work zone!

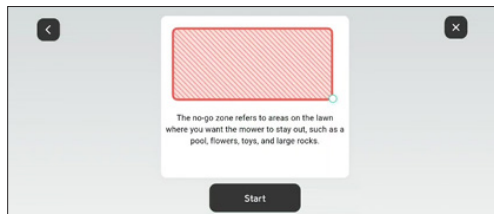


5.4.3.3 Create No-Go Zones

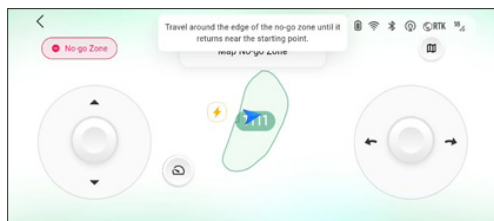
No-Go Zones include swimming pools, flower beds, trees, roots, ditches, and any other obstacles on the lawn. Alva will avoid mowing in these areas.

1. Make sure the mower is powered on and docked to the Charging Station as normal. The emergency stop button must be turned off, and battery level should be at least above 50%.
2. Click the {+} button on the map management page.
3. Select No-go Zone, and the mower can remotely draw a prohibited area through the app.
 - a. Control the mower to the edge of the expected No-go Zone.

b. After tapping the {Start} button, operate the joystick to remotely control the mower to draw your lawn boundary.

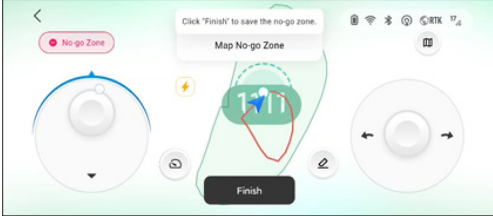


c. The solid line marks the boundary you have drawn.



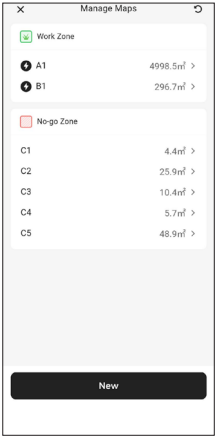
4. If necessary, tap the {Erase} button, and Alva will roll back along the already drawn path, erasing the boundary of the rolled back work area.

5. Control the mower to reach the starting point and tap the {Finish} button to save the prohibited area.



5.4.3.4 View Mowing Zone

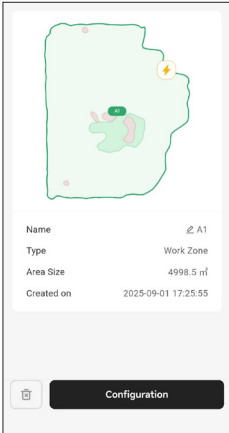


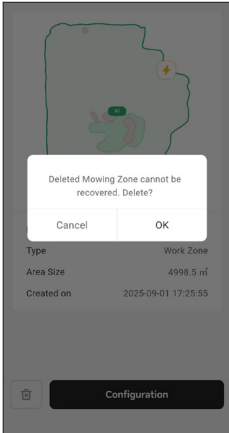


5.4.3.5 Delete a Map

- On the map management page, select any work zone, no-go zone, Charging Station mark, and tap Delete and Confirm.

Warning: Deleting the Charging Station will clear all saved maps of the current mower. This is irreversible!





5.5 Schedule Mows

With scheduled mowing, you can plan a mowing task, and the mower will automatically complete its work according to your scheduled task settings.

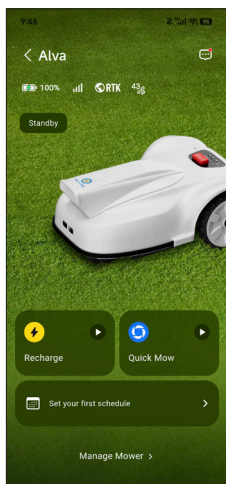


Note:

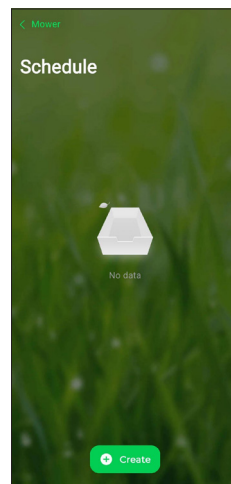
- Scheduled mows can only be set after mapping is complete.
- Modifications to any planned mows will not affect if that same mow is already in progress.

5.5.1 Set a new task

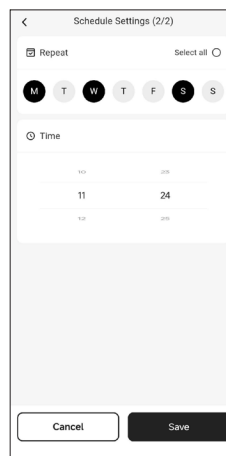
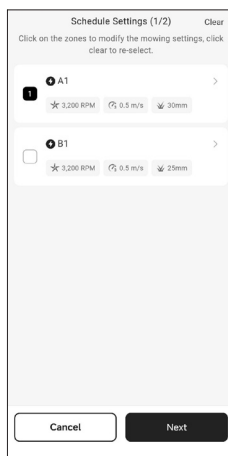
1. Click on Set Your Mowing Schedule on the app homepage.



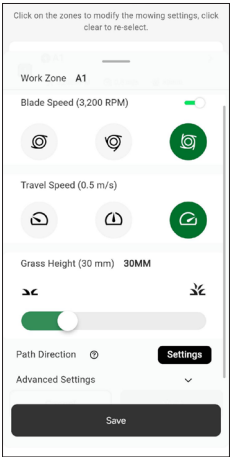
2. Click {Add} button to create a schedule.



3. Select and set the Start Time, Repeat frequency, and Work Zones according to the interface.



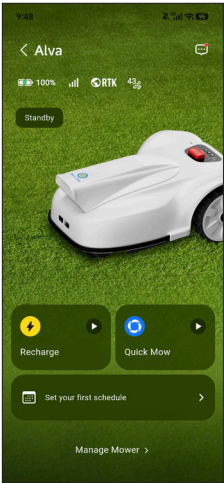
4. Individual mowing configurations can be configured for each lawn, including Grass Height, Blade Speed, Travel Speed, and Pathing. The default setting is what you set when creating maps.



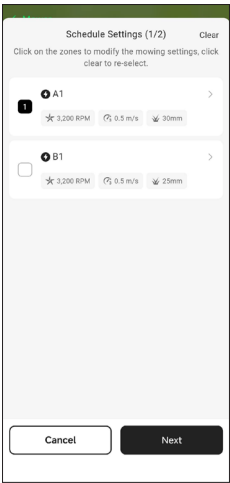
5. Tap {Save} button to save the scheduled mow.

5.5.2 Modify Scheduled Mows

1. Tap Set Your Mowing Schedule on the app homepage.



2. Tap on the scheduled task item you wish to modify.

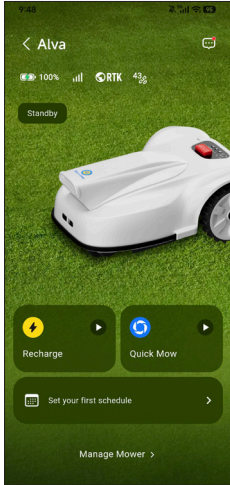


3. Modify the mowing time, repeat frequency, work zone, mowing configuration of the lawn and others of the planned task.

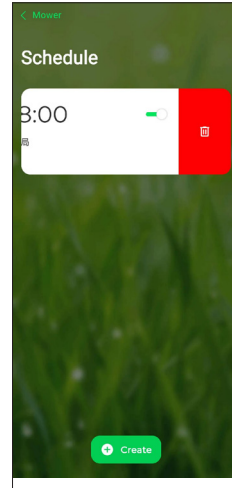
4. Tap to confirm and save the modification.

5.5.3 Delete Scheduled Mows

1. Tap on the tasks on the app homepage.



2. Swipe left on the scheduled task.



3. Tap the Delete button to confirm.

5.6 Manual Mode

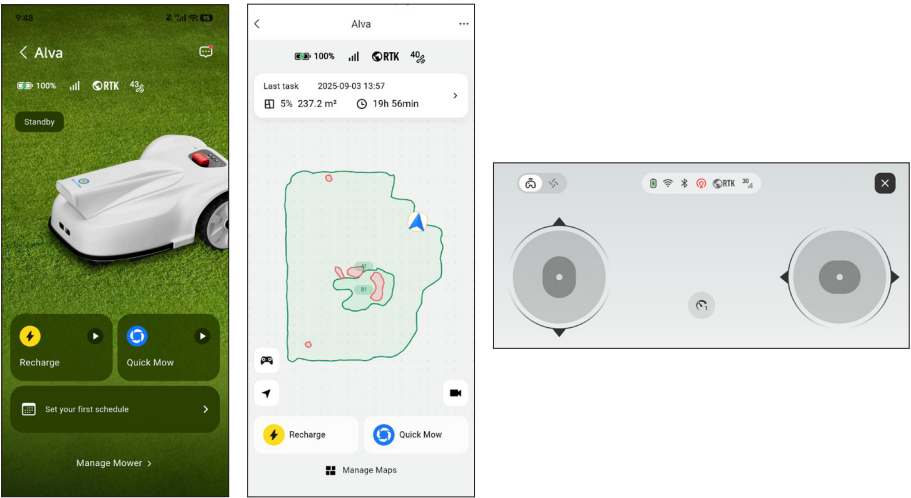
For your safety, read the following notes before using manual remote control:

- Children under 18 are not allowed to use this feature.
- Please take care of children, pets, and important items at all times to prevent accidents.
- Be extra careful when using the manual remote control function to avoid injury.
- If the mower is performing a task, activating the manual remote control function will interrupt its current task.

5.6.1 Activation

1. Please ensure that the Bluetooth function of your phone is turned on and that the distance between your phone and the mower is less than 3 m.
2. Make sure the mower is working properly and the emergency stop switch is turned off.
3. Tap {Manual Mode} Button on the app homepage.
4. The app will activate Bluetooth connection to the mower, and after successful connection, it will enter the remote control page.
5. Operate forward/backward, left/right via the virtual joystick to remotely control the mower.
6. Tap the Speed icon to adjust driving speed in manual mode.

Note: The adjustment of the driving speed here will not affect speed of the mower during automatic mowing.



5.6.2 Exit

Tap the {X} button in the upper right corner to exit Manual Mode.

5.7 Mowing

5.7.1 Preparation

Make sure the mower is docked to the Charging Station in the work zone and has sufficient battery. If there are any accidents during the mowing process, press the emergency stop button on the mower.

The mower will respond to the emergency stop switch first, pause the task, and turn off the cutter blades.

It is not recommended to mow the same lawn more than once a day as doing so may damage your lawn.

Alva supports grass heights between 10–50 mm. The recommended grass height for each mowing is 2/3 of the current grass height. If the grass height is higher than 60 mm/2 in, it is recommended to set the minimum grass height to 40 mm/1.6 in.

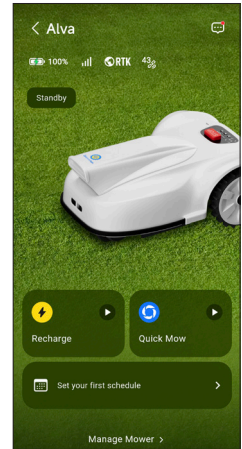
5.7.2 Quick Mow

5.7.2.1 Execute via the SveaMow App

 **Note:**

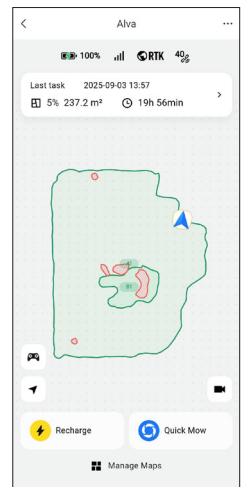
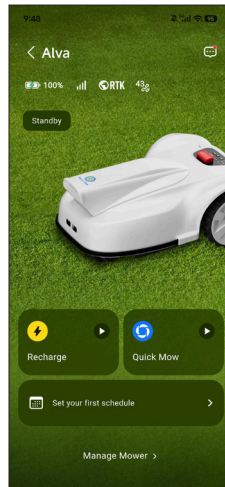
Activate a mow with one click through the app, and the mower will execute the mowing on all plots that have been mapped, in the order of mapping.

1. Tap on {Quick Mow} on the homepage of the app, and the mower will perform a one-tap automatic mow.



5.7.2.2 Manage Tasks via the App

1. Tap on {Manage Mower} on the homepage of the app.
2. Select the work zone.
3. Tap the {Start} button, and the mower will perform a mow in the corresponding work zone.



5.7.2.3 Operation via Top Cover Button

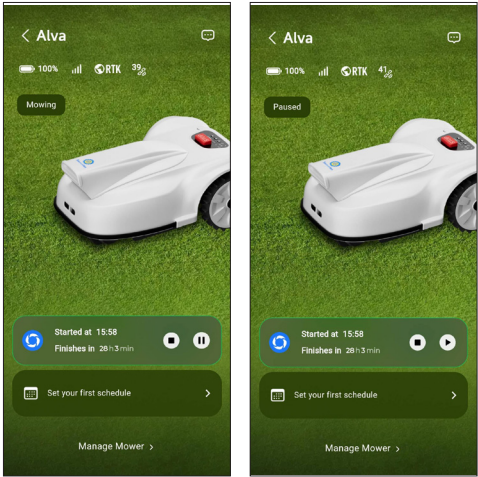


Note:

- When activating operation via the top cover button, the robotic mower will execute mowing tasks for all mapped zones in the order they were created.
1. Enter the PIN code to unlock the top cover command function.
 2. Press the [Mow] button, then press the [OK] button.
 3. The robotic mower will emit a "beep beep" sound, indicating that the task command has been received.
 4. The robotic mower will proceed with the mowing operation.

5.7.3 Pause/Stop a Task

Press the emergency stop button on the top control panel of the mower or tap the Pause button in the app.



5.8 Charging

5.8.1 Automatic Charging

When the mower completes a mowing operation normally or is interrupted, it will always try to return to the Charging Station and charge itself.

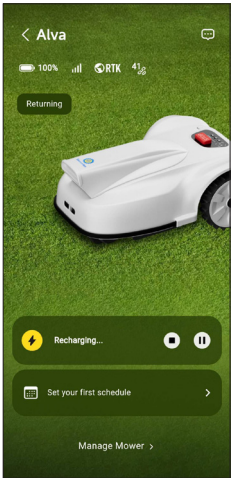
- When the recharge function is triggered, the mower needs to be in the work zone created and not in a no-go zone.

5.8.2 Ordering a Charge

You may use app to force the mower to return to the Charging Station.

5.8.2.1 Using the App

1. Tap on {Recharge} on the homepage of the app.
2. Tap the {Confirm} button.
3. The mower will return to charge.



5.8.2.2 Operation via Top Cover Button

1. Enter the PIN code to unlock the robotic mower's top cover.
2. Press the [Battery] button, then press the [OK] button.
3. The robotic mower will emit a "beep beep" sound to confirm the command has been received.
4. The robotic mower will initiate the return-to-charge function.

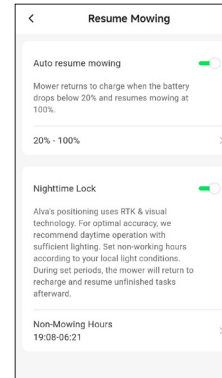
5.9 Resume Mowing

During the mowing process, if the battery is too low (below 10%), the mower will automatically stop mowing and recharge. When the battery returns to the set value for continuing mowing (default is 80%), the mower will automatically return to the previously interrupted area, then continue mowing. When the mower returns to the Charging Station due to continued cutting, it will show as "waiting" in the app.

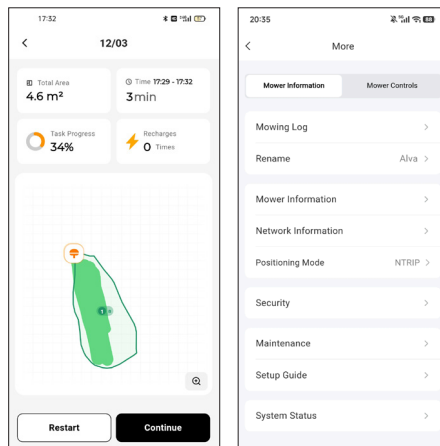
You can terminate a waiting state through the {Stop} button of the app in this state, and subsequent mowing tasks will not be restored.

5.9.1 Resume Mowing Settings

You can configure battery levels and automatic resume functionality via SveaMow's settings.

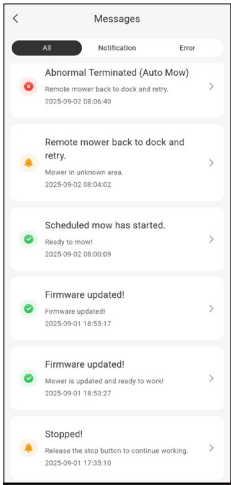


5.9.2 Manual Operation



5.10 Message Center

Information about device exception notifications, any errors, etc. will be displayed in the Message Center section. Tap Message Center at any time for detailed information.



5.11 Settings

Tap the gear icon in the upper right corner of the device to enter the settings page.

Alva

100%

RTK

40%

Last task

2025-09-03 13:57

5%

237.2 m²

19h 56min

Recharge

Quick Mow

Manage Maps

More

Mower Information

Mower Controls

Mowing Log

Rename

Mower Information

Network Information

Accessory List

Security

System Status

5.11.1 Device Name

You can view or modify the name of the mower.

5.11.2 Device Information

You can view information such as device type, serial number, firmware version, etc.

5.11.3 Accessory Maintenance

You can view the accessory information and details of the mower.

5.11.4 Network Information

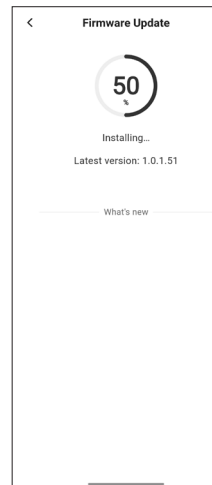
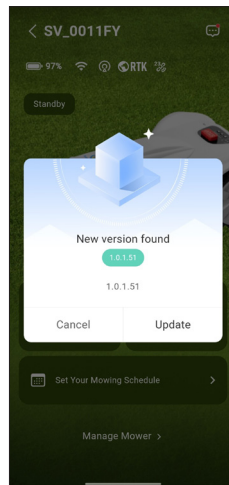
You can view the network information of the mower.

5.11.5 Firmware Update

You can check the current version and check for the latest firmware versions.

When there is a new version, you can update the firmware here.

1. It is recommended to upgrade when the mower's battery is sufficient and it's not performing a task within a certain period.
2. Ensure that the Wi-Fi signal connected to the mower is stable.
3. Enter firmware update and click Update.
4. Wait for the update to complete.



5.11.6 Resume Mowing Settings

You can view the configuration of resume mowing settings here.

6. Maintenance

6.1 Notes

When using a mower for the first time, please choose flat ground and mow slowly. The mowing method depends on the size and shape of the lawn. Consider obstacles such as trees, fences, and buildings.

It is recommended that grass height be within the range of 50-80 mm (1.97-3.15 inches) before mowing. Do not trim more than 1/3 or 25 of the plant height at one time.

When the grass is high, in order to avoid a situation where grass debris cannot be discharged well, increase the cutting height and cut multiple times to make mowed marks look good. We suggest doing this in the afternoon or evening with less humidity.

6.2 Cleaning the Blade Deck



Always wear heavy-duty gloves, long trousers and work shoes when cleaning the blade deck. Please follow the operating instructions and clean the blade deck only when the mower is powered off.

Thoroughly clean the mower with a soft brush or cloth. Do not clean with alcohol, gasoline, acetone, or other corrosive/volatile solvents. These substances may damage the appearance and internal structure of the mower.

Chassis and Blade Disc

If the chassis and blade disc are dirty, clean them with a brush or water pipe. Do not use a high-pressure washer. Make sure that the blade disc and the cutting blades can rotate freely.

Note: High-pressure water may penetrate seals and damage electronic and mechanical components.

Blade Fender

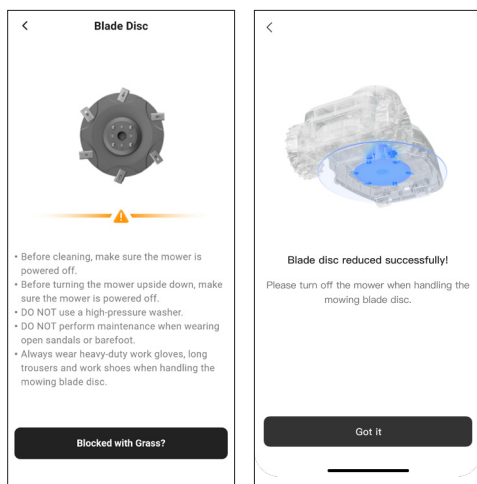
Regularly inspect the blade fender. If mud, grass clippings, or other objects accumulate on the blade fender, remove them with a dry brush or scraper.

Blade Deck Blocked with Grass

If you suspect that grass is stuck inside the deck, you can lift the cutting deck to check and clean it. To do this:

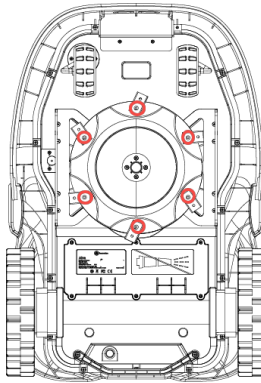
1. Keep the mower turned on, go to the SveaMow app, enter settings, accessories, blade disc, and tap the {Blocked with Grass} button.
2. After the Bluetooth connection is successful, the blade disc will extend outward to the maximum.
3. After the extension is completed, turn off the mower and lift the mower to check if the blade disc is stuck with grass.
4. After checking, put down the mower, turn it on, and the blade disc will automatically return to its initial state.

Note: Please always wear heavy-duty gloves, long trousers and work shoes when cleaning the blade deck.



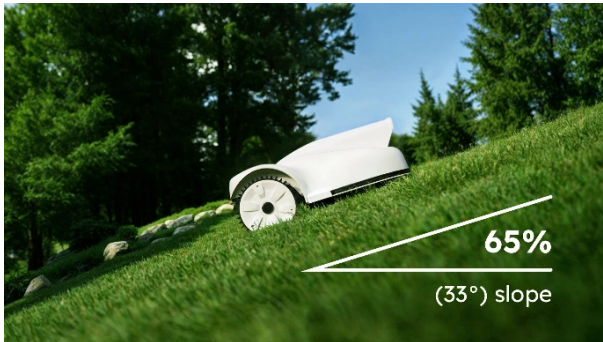
Replacement of Cutting Blade

Use an Allen key to unscrew the screws shown in the picture to remove the cutting blades and replace them as needed.



6.3 Slope Reference

Alva can mow on slopes up to 33 degrees.



7. Troubleshooting

The SveaMow app will display common device failures. Follow the app to troubleshoot or reach out to us if you have questions.

8. Warranty Policy

Sveaverken guarantees that this product will be free from material and workmanship defects under normal use according to the product information during the warranty period. Published product information includes but is not limited to user manuals, quick start guides, maintenance, specifications, disclaimers, app notifications, etc. The warranty period varies depending on the product and components. Please refer to the table below.

Component	Warranty
Lawn mower	2 years
Battery	2 years
Charging Station	1 year
Tires	No warranty
Decoration/Appearance	No warranty
Cutting blade	No warranty



Tires, decoration/appearance, and cutting blades are easily damaged parts and are not covered by warranty.

If the product does not work properly during the warranty period, please contact Sveaverken Customer Support for guidance. Please provide a receipt and Serial Number when contacting customer service.

- The warranty period for this product is calculated from the date of delivery.
- If you cannot provide an invoice or valid purchase proof, the warranty period will begin 90 days after the production date displayed on the product, unless otherwise agreed between you and Sveaverken.
- If you wish to send the product to a local service center or Sveaverken factory for further diagnosis, shipment shall be arranged by yourself. If the problem is within the warranty period, Sveaverken will repair or replace it for free and return it to you. If not, Sveaverken or the designated service center may charge corresponding fees.

9. Important Information

America's Federal Communications Commission (FCC)

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.