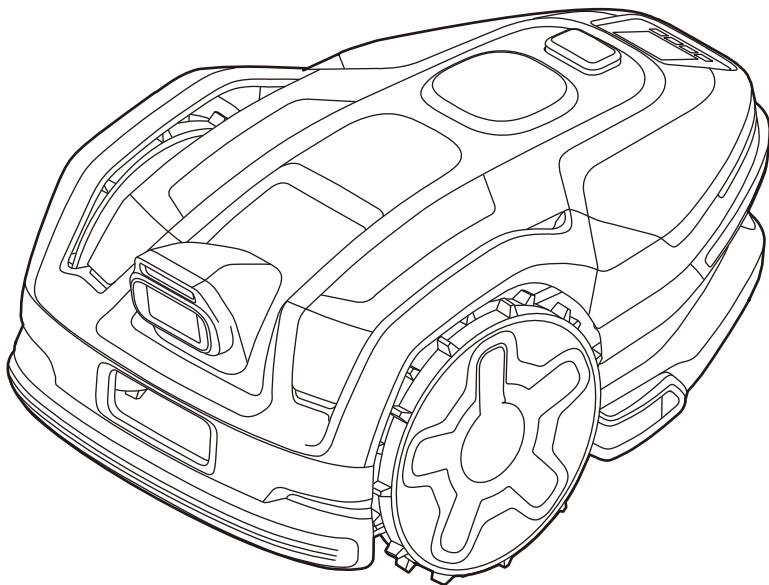


greenworks®

C6/C8/C10/C12

OPERATOR MANUAL / BEDIENUNGSHANDBUCH / MANUAL DEL OPERARIO /
MANUALE DELL'OPERATORE / MANUEL OPÉRATEUR / GEBRUIKSAANWIJZING /
ANVÄNDARHANDBOK / BRUGSVEJLEDNING / INSTRUKCJA UŻYTKOWNIKA /
NÁVOD K OBSLUZE / Uporabniški priročnik / PRIRUČNIK ZA RUKOVA NJE /
HASZNÁLATI ÚTMUTATÓ / دليل التشغيل / מדריך למפעיל / OPERATORIAU VADOVAS



Original Instructions / Übersetzung der Originalanweisungen / Traducción de las instrucciones originales / Traduzione delle istruzioni originali / Traduction des
instructions d'origine / Vertaling van de originele gebruiksaanwijzing / Översättning av originalinstruktionerna / Oversættelse af de originale vejledninger /
Tłumaczenie oryginalnej instrukcji / Překlad originálního návodu / Prevod originalnih navodil / Prijevod izvornih uputa / Az eredeti utasítás fordítása /
ترجمة التعليمات الأصلية / הוראות מקוריות / Originalios instrukcijos vertimas

greenworks® in the EU and in other countries.

DECLARATION OF CONFORMITY (UK)

Name and address of the manufacturer:

Name: Greenworks Tools Europe GmbH
Address: Brunnenweg 17, 64331 Weiterstadt, Germany

Name and address of the Authorized representative:

Name: GREENWORKS POWER UK LTD
Address: Castle Bromwich Hall Estate, Chester Road, Birmingham , United Kingdom, B36 9DE

Name and address of the person authorised to compile the technical file:

Name: Kevin Xu
Address: Castle Bromwich Hall Estate, Chester Road, Birmingham , United Kingdom, B36 9DE

Herewith we declare that the product

Category: Robotic Lawnmower
Model: C6/C8/C10/C12
Serial number: See product rating label
Year of Construction: See product rating label

is in conformity with the relevant provisions of the Supply of Machinery (Safety) Regulations 2008.

is in conformity with the provisions of the following other UK legislation:

- Electromagnetic Compatibility Regulations 2016
- Radio Equipment Regulations 2017
- Low Voltage Directive 2014/35/EU
- Restriction of the Use of certain Hazardous
- Electrical Equipment (Safety) Regulations 2016
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Furthermore, we declare that the following standards have been used:

- EN 60335-1, EN 50636-2-107, EN IEC 61558-1, EN 61558-2-16
- ENIEC 55014-1, EN IEC 55014-2, EN IEC 61000-3-2, EN 61000-3-3
- EN 301 489-1, EN 301 489-3, EN 301 489-17, EN 301 489-52, EN IEC 55014-1, EN IEC 55014-2, EN IEC 61000-3-2, EN 61000-3-3, EN 300 328, EN 301 893, EN 300 220-2, EN 301 908-1, EN 301 908-13, EN IEC 62311, EN 60335-2-29
- EN 62321-3-1, EN 62321-4, EN 62321-5, EN 62321-6
- EN 62321-7-1, EN 62321-7-2, EN 62321-8



Place, date: Birmingham, 10.09.2025

Signature: Ted Qu, Quality Director

Ted Qu

1	Overview.....	2	3.3	Mower Settings.....	26
1.1	Introduction.....	2	3.4	Safety Features.....	27
1.2	Reading the operator manual.....	3	3.5	App Settings.....	27
1.3	Operational safety.....	5	4	Maintenance.....	27
1.4	Symbols and Decals.....	5	4.1	Cleaning.....	28
1.5	What's in the Box?.....	6	4.2	Replace Blades.....	28
1.6	Parts and Functions.....	7	4.3	Transportation.....	29
1.7	Technical data.....	13	4.4	Battery.....	29
2	Installation and Mapping.....	15	4.5	Power Supply.....	30
2.1	Before You Start.....	15	4.6	Storage.....	31
2.2	Installation.....	15	4.7	QR code replacement.....	31
2.3	Activate the mower.....	20	4.8	Support.....	32
2.4	Upgrade to the Latest Firmware.....	21	4.9	Recycling and End-of-Life Disposal.....	32
2.5	Map Out the Work Area.....	21	5	Warranty terms.....	32
3	Daily Use.....	24	6	CE Declaration of conformity.....	33
3.1	Mow.....	24			
3.2	Greenworks AiMowbot SMART App.....	25			

1 OVERVIEW

1.1 INTRODUCTION

Greenworks AiMowbot

Greenworks is a leading innovator in cordless outdoor power equipment, dedicated to providing high-performance, eco-friendly solutions for modern lawn care. This year, Greenworks introduces the AiMowbot, a new line of robotic lawn mowers engineered to provide highly cost-effective robotic mowing solutions for personal use. The C6 / C8 / C10 robotic mower model can cover lawns up to 600 / 800 / 1000 m² (0.15 / 0.2 / 0.25 acres).

The Greenworks robotic mowing system uses RTKVision™ to create a virtual lawn map, eliminating the need for boundary wires. It is easy to set up and operates autonomously to maintain the lawn.

The system includes a robotic mower, a charging station, a reference antenna and a mobile app. The mower uses an intelligent guidance system for precise navigation. The charging station automatically recharges the mower between cycles. The reference antenna establishes a fixed RTK correction point, which enables the robotic mower's precise navigation for flawless autonomous lawn care. With the app, users can schedule mowing, adjust settings, and monitor status in real time.

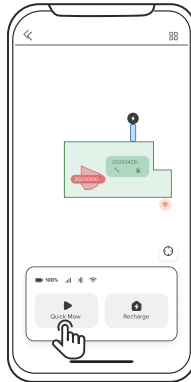
Mower

The robotic lawn mower is powered by a rechargeable lithium-ion battery pack. Using the Greenworks AiMowbot app, users can virtually set the boundary of the working area. Once the boundary is defined, the mower will automatically operate and cut the grass within the designated area. The mowing route is automatically calculated by the internal algorithm based on the shape of the working area to ensure optimal cutting efficiency. When the battery level becomes low during operation, the mower will automatically return to the charging station to recharge before continuing the mowing task.



AiMowbot SMART app

The Greenworks AiMowbot SMART app is an essential component of the system. By following the interactive instructions provided in the app, you can complete the system installation and set up the working area. The app also allows you to adjust mower settings, customize the work area, monitor the mower's operating status, and control the mower remotely. In addition, you can access the latest official Help and Support information directly through the app.



The Greenworks AiMowbot robotic mower is a smart device. It is Over-the-Air enabled, meaning software updates can be downloaded straight to the mower without connecting it to cables or wires. Two update modes are available: standard updates, which require user confirmation in the mobile app each time an update is initiated, and silent updates, which, after a one-time user authorization, are automatically performed during nighttime non-operating periods without user interaction.

1.2 READING THE OPERATOR MANUAL

The following system is used in the operator manual to make it easier to understand:

▲ WARNING

Warning texts alert users and consumers to the existence and nature of hazards so that they can prevent injury by appropriate conduct during use of the product.

▲ CAUTION

Caution texts alert users and consumers to the existence and nature of product risks so that they can prevent damaging the product by appropriate conduct during use of the product.

Note: Notes inform users and consumers about additional information about product use.

IMPORTANT

READ CAREFULLY BEFORE USE! KEEP FOR FUTURE REFERENCE!

Safe operating practices

Training

- Read the instructions carefully. Be familiar with the controls and the proper use of the machine.
- Never allow people unfamiliar with these instructions or children to use the machine. Local regulations may restrict the age of the operator.
- The operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

- Ensure the correct installation of virtual boundary as instructed.
- Periodically inspect the area where the machine is to be used and remove all stones, sticks, wires, bones, and other foreign objects.
- Periodically visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.

Operation

- Never operate the machine with defective guards, or without safety devices in place.
- Do not put hands or feet near or under rotating parts.

- Never pick up or carry a machine while the motor is running.
- Turn off the machine before clearing any blockages, cleaning, or performing maintenance.
- Recommended operating temperature range : 0–50 °C (32-122 °F).
- Recommended charging temperature range : 5-45 °C (41-113 °F).
- Recommended storage temperature range : -20-70 °C (-4-158 °F).

Maintenance and storage

- Keep all nuts, bolts, and screws tight to be sure the machine is in safe working condition.
- Replace worn or damaged parts for safety.
- Use only Greenworks genuine replacement blades for the operation of this mower.
- Ensure that batteries are charged using the correct charger recommended by the manufacturer. Incorrect use may result in electric shock, overheating or leakage of corrosive liquid from the battery.
- In the event of leakage of electrolyte, flush with water/neutralizing agent and seek medical assistance if it comes into contact with the eyes, etc.
- Servicing of the machine should be according to manufacturers' instructions.


▲ WARNING

For the purposes of recharging the battery, only use the detachable supply unit provided with this product.

▲ WARNING














This appliance contains batteries that are only replaceable by a skilled person.

1.3 OPERATIONAL SAFETY

	<p>Carefully read all the safety precautions and instructions in this operator manual before operating the mower. Save this operator manual for future reference. Follow manufacturer instructions regarding installation, operation, maintenance, and repair.</p>
	<p>This mower is designed to cut grass in open and level areas. Use only equipment recommended by the manufacturer. All other types of use are incorrect.</p>
	<p>The mower 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 instructions concerning use of the mower by a person responsible for their safety.</p>
	<p>Children should be supervised to ensure that they do not play with the mower.</p>
	<p>The mower must only be operated, maintained, and repaired by persons that fully understand its special characteristics and safety regulations.</p>
	<p>Start the mower in accordance with the instructions. When the mower is powered on, keep your hands and feet away from the rotating blades.</p>
	<p>Never put your hands and feet under the mower while operating.</p>
	<p>Do not modify the original design of the mower. All modifications void the guarantee.</p>
	<p>Switch off mower using the STOP button on the mower when persons, especially children, or pets are in the cutting area. It is recommended that the mower be programmed for use during hours when the area is free from persons or pets.</p>
	<p>Remove objects from the operating area such as branches, toys, stones, tools that can damage the blades. The mower can get stuck on objects in the operating area and help may be required to remove the object before the mower can continue mowing.</p>
	<p>Never lift the mower or carry it while the mower is powered on.</p>
	<p>Do not let persons who do not know how the mower works and behaves use it.</p>
	<p>Do not put anything on top of the mower or its charging station.</p>
	<p>Always wear protective gloves when working with the mower's blades.</p>
	<p>In case there is risk of a lightning storm where the mower is installed, please take the following actions:</p> <ul style="list-style-type: none"> • Disconnect the charging station from the power socket. • Place the mower indoors if possible. • When the risk of lightning is over, connect power supply to the wall socket and place the mower in the charging station.
<p>When a mower is operating in a public area the operating area shall be surrounded with clearly visible warning signs. The warning signs shall have the following text:</p> <ul style="list-style-type: none"> • Warning! • Automatic lawnmower! • Keep away from the machine! • Supervise children! 	

1.4 SYMBOLS AND DECALS

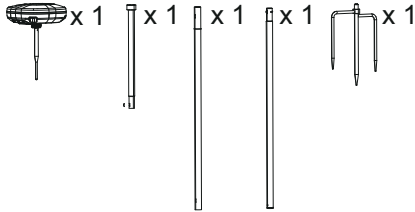
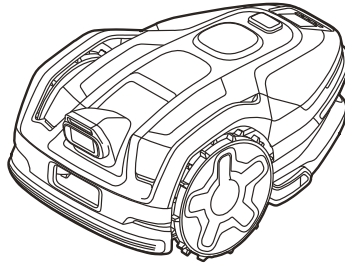
Please read and understand all symbols shown on the product and its labels carefully before use. Each symbol provides important information regarding the safe and proper operation of the mower.

Explanation of symbols on the mower	
 	This is a dangerous power tool. Use care when operating and follow all safety instructions and warnings. WARNING - Read the operator manual carefully before operating the mower.
 	WARNING - Operate the disabling device before working on or lifting the machine.
 	Hazard of thrown objects during operation. WARNING - Keep a safe distance from the mower when operating and keep people, especially children, pets and bystanders away from the area where mower is being operated.
 	WARNING - Do not ride on the mower.
	Use only with PSCS5M supply unit.
	Class III appliance
	It is not permitted to dispose of this product as normal household waste. Ensure that the product is recycled in accordance with local legal requirements.
	This product conforms to the applicable EC Directives.
	Direct current

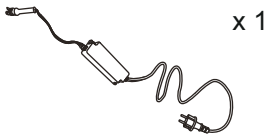
1.5 WHAT'S IN THE BOX?

If any parts are missing or found to be defective, please contact the after-sales service center. It is recommended to keep the packaging materials for future transportation or shipment.

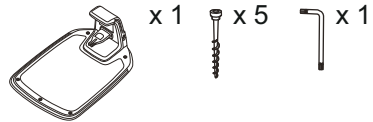
- AI Mowbot



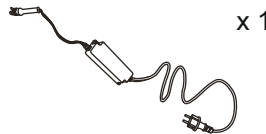
Reference antenna kit



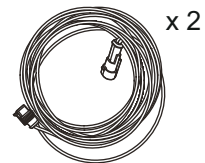
29V PSU (for charging station)



Charging station and the installation kit



12V PSU (for reference antenna)



10m (32 ft) Low-voltage cable

• **User Materials**



Manual, QSG and 3 QR codes



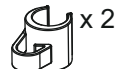
Wire pegs



Spare blades



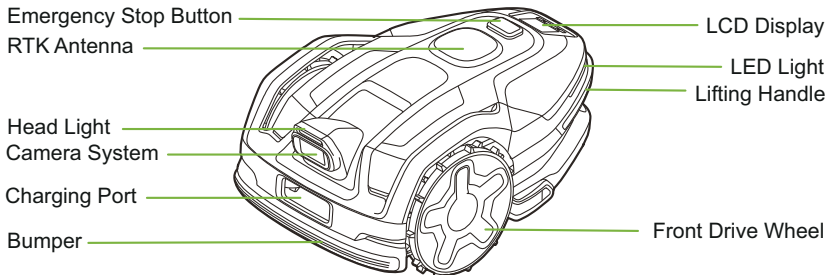
Spare bolts



Clip

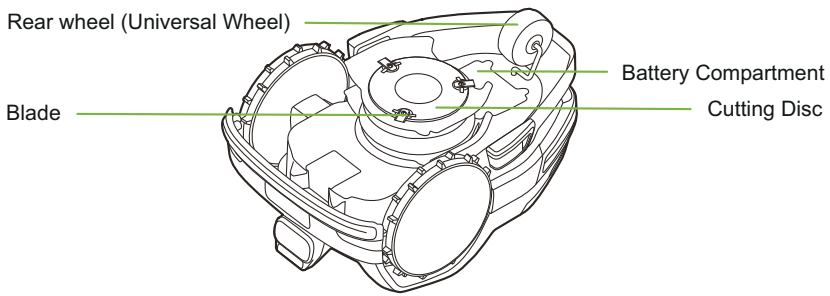
1.6 PARTS AND FUNCTIONS

1.6.1 MOWER



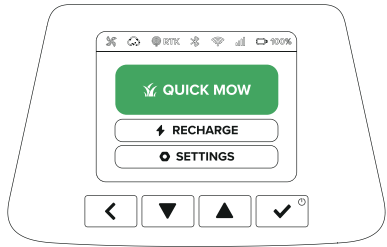
- **Emergency Stop Button:** The Emergency Stop Button is used to immediately stop the mower in case of an emergency. Press the button to cut off power and halt all mower operations instantly.





- **LCD Display:** Located on the rear part of the mower, used to power the unit on/off, perform manual operations, and check basic status indicators.
- **Lifting Handle:** Used to lift the mower up when necessary.
- **Front Drive Wheel:** Provide propulsion for the mower, allowing it to move smoothly over the working area and maintain stable traction on different surfaces.
- **Bumper:** When the bumper comes into contact with an obstacle and activates the internal sensor, the mower will automatically stop and change direction to avoid the obstacle.
- **Charging Port:** The Charging Port is used to connect the mower to the charging station or power source for recharging the battery.
- **3D Camera System:** This is a ToF (Time-of-Flight) sensor designed for obstacle detection and edge mowing. Unlike camera-based sensors that rely on ambient light for object recognition, the ToF sensor functions reliably under all lighting conditions.
- **Head Light:** It is installed at the front of the mower to improve visibility during operation in low-light conditions.
- **RTK Antenna:** Works with the navigation system to provide high-precision positioning, ensuring accurate mowing within the defined boundaries.



- **Rear Wheel (Universal Wheel):** Support steering and balance during movement, enabling flexible turning and stable operation on uneven ground.
- **Battery Compartment:** A rechargeable lithium-ion battery that powers the mower. It features high energy density, long runtime, and low noise operation.
- **Blade:** The Blade is mounted on the cutting disc and is responsible for cutting the grass.
- **Cutting Disc:** The Cutting Disc is the rotating component located at the bottom of the mower. It is equipped with multiple blades that trim the grass efficiently within the defined working area.

1.6.2 DISPLAY AND CONTROL









Buttons	Description	Explanation
	Back button	Return: Press the Back button briefly to return to the previous level.
	Nav-down button	Navigate DOWN
	Nav-up button	Navigate UP
	OK button	Power on / off: Press and hold the OK button for 3 seconds.
		Confirm: Press the button briefly.

Screen Unlock: Hold both the Nav-Up and Nav-Down buttons at the same time.

Emergency Stop Unlock: Press Back button first, then press the OK button.

Disable Device: Press and hold the Back button for 3 seconds to disable the mower.

Icons	Description
	Blade engaged.
	The server is online.
	Reference antenna is connected.
	Bluetooth connected.
	Displays the network that the mower is connected to (Wi-Fi or cellular), and the signal strength
	Battery level and charging status

Quick Mow: If the mower is in standby mode, it will immediately start the mowing task. If there is a paused mowing task, it can be resumed. If the mower is currently performing a mowing task, you can check the mowing progress.

Recharge: Recharge will send the mower back to the charging station to recharge its batteries. If the mower is paused when returning to the charging station, it can be resumed.

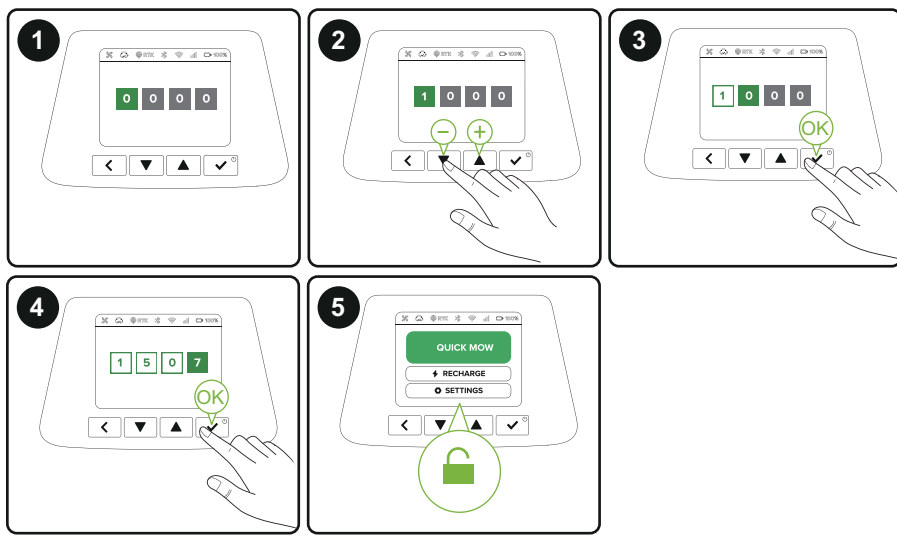
Settings: Reset the device. Restore factory settings and clear all user data.

Device Info: Check the device, accessories and firmware information.

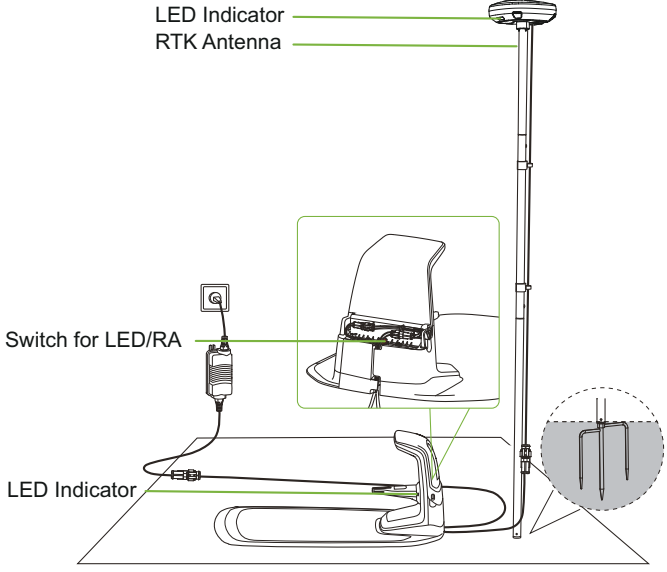
1.6.3 HOW TO ENTER PIN CODE

The PIN code is used to protect certain safety functions and is set by the user.

If PIN code protection is active, you need to enter the PIN code when switching on your device. Press UP or DOWN to change the number from 0 - 9 and press OK Button to confirm the code



1.6.4 CHARGING STATION AND RTK ANTENNA



- **RTK Antenna:** Receives satellite signals to improve the positioning accuracy of the mower.
- **LED Indicator on the Charging Station:** Indicates the status for the charging station.
- **LED Indicator on the Reference Antenna:** Indicates the connection status.
- **Switch for LED/Reference Antenna**

1.6.5 INDICATOR LEDS

1.6.5.1 INDICATOR LEDS ON MOWER

LED	Status	Description	Comments
Green	Steady	Mower is fully charged.	
	Pulsing	Mower is charging.	
Red	Steady	1. The emergency stop button has been pressed. 2. The machine has been lifted, tilted, or overturned.	
	Pulsing	The mower has a serious malfunction and can no longer continue operating through self-adjustment.	1. Restart the mower manually. 2. Contact after-sales service and authorized dealers for technical support.
Blue	Steady	1. Mapping 2. Standby mode 3. Mowing or in other working status	
Yellow	Pulsing	Weak satellite signal	
Turned off	Set it through the control panel or the app	LEDs will always be off except when the mower has stopped because of an error, or the emergency stop button has been pressed.	

1.6.5.2 INDICATOR LEDS ON REFERENCE ANTENNA

LED	Status	Description
Blue	Steady	RTK signal is normal.
Red	Steady	No connection between the antenna and the mower. The mower is off.
	Pulsing	There is an electrical malfunction.
Yellow	Pulsing	Weak signal. The process from powering on the mower to achieving a normal signal.
White	Pulsing	The mower performs OTA updates.
OFF		Reference antenna is not powered on.

1.6.5.3 INDICATOR LEDS ON CHARGING STATION

LED	Status	Description
Green	Steady	The charging station is powered on.
	Off	No power.
ON/OFF		When turned off, the mower cuts off power supply to the reference antenna and indicated LED.

Notes: Please keep the button on the back of the charging station in the “I” position to allow the LED indicators to display the charging station status. Refer to the Eco Mode section for details.

1.7 TECHNICAL DATA

Model		C6	C8	C10	C12	
Basic Information	Product Name	AiMowbot				
	Brand	Greenworks				
	Dimensions: Length x Width x Height	635 x 418 x 295 mm (25 x 16.5 x 11.6 in)				
	Net Weight: (Battery Included)	11.5kg (25.4 lbs)				
	Material	Mower frame: ASA				
Mower Parameters	Recommended Mowing Area	600 m ² (0.15 acre)	800 m ² (0.2 acre)	1000 m ² (0.25 acre)	1200 m ² (0.3 acre)	
	Typical Mowing Time Per Full Charge [1]	55 minutes				
	Area Capacity Per Hour	160 m ² (1722 ft ² /h)				
	Cutting width	20 cm (8 in)				
	Cutting Blades	3				
	Cutting height	2-9 cm (0.75-3.5 in)				
	Cutting height adjustment	Electrical				
	Charging Time	About 50 minutes				
	GNSS Working Mode	GPS, Galileo				
	Maximum slope for working area	45%				
	Mowing speed	0.4 m/s (0.9 mph)				
	Firmware update	OTA (Over The Air)				
Noise Emissions	Measured Sound Power Level LWA	59 dB(A)				
	Sound Power Uncertainties KWA	3 dB(A)				
	Sound Pressure Level LpA	51 dB(A)				
	Sound Pressure Uncertainties KpA	3 dB(A)				
Working Conditions	Working Temperature	0-50 °C (32-122 °F)				
	Charging Temperature	5-45 °C (41-113 °F)				
	Storage Temperature	-20-70 °C (-4-158 °F)				
	IP Rating	Mower	IPX6			
		Charging station	IPX3			
Reference antenna		IPX6				
Adaptor		IP67				
Frequency Band	LoRa	Europe: 863-870 MHz				
	Bluetooth	2402-2480 MHz				
	Wi-Fi	2.400-2.4835 GHz				

Model		C6	C8	C10	C12
	4G	Europe: B1/B3/B5/B7/B8/B20/B28			
	RTK	GPS	L1C/A, L2P(W), L5		
		Galileo	E1, E5b, E5a		
Max Output Power	LoRa	14 dBm			
	Bluetooth	10 dBm			
	Wi-Fi	20 dBm			
	4G	25 dBm			
Driving Motor	Max. Rated Speed	1 m/s (2.2 mph)			
	Motor Type	Gearbox motor			
Blade Motor	Max. Rated Speed	3000 /min			
	Motor Type	Brushless motor			
Battery Pack	Battery Type	Lithium-ion battery			
	Nominal Capacity/Energy	4AH			
	Nominal Voltage	21.6V DC			
	Charge current	4.1A			
	Battery Management System	Over-heating, short circuit, over-current, and over-charge protection			
Power Supply for Charging Station	Input Voltage	100-240 V AC			
	Output Voltage	29V DC			
	Output Current	4.1A			
	Low voltage cable length	10 m (32 ft)			
Power Supply for Reference Antenna	Input Voltage	100-240 V AC			
	Output Voltage	12V DC			
	Output Current	1A			
	Low voltage cable length	10 m (32 ft)			
Other Features	Front Wheel	TPU tyre with geared hub motor			
	Rear Wheel	Omni-directional wheel with built-in Hall sensor			
	Sensors	IMU sensor, lifting sensor, wheel encoder, bumper sensor			
	Camera	RGB module field of view (FOV): 148° (H) × 126° (V), used for obstruction detection			
Packaging	Package Dimensions	845 x 600 x 373 mm (33.5x23.6 x 14.7 in)			
	Contents	Operator manual, Quick start guide, 3 replacement QR codes			

1. Tested at a standard cutting speed with a full battery at an ambient temperature of 25°C (77°F) while mowing a fresh-cut lawn. The product can mow more per hour on open areas than on separated small lawns. When the grass is wet or long, the working capacity is smaller. The flatter the lawn surface, the larger the working capacity.

2 INSTALLATION AND MAPPING

2.1 BEFORE YOU START

Prepare the app

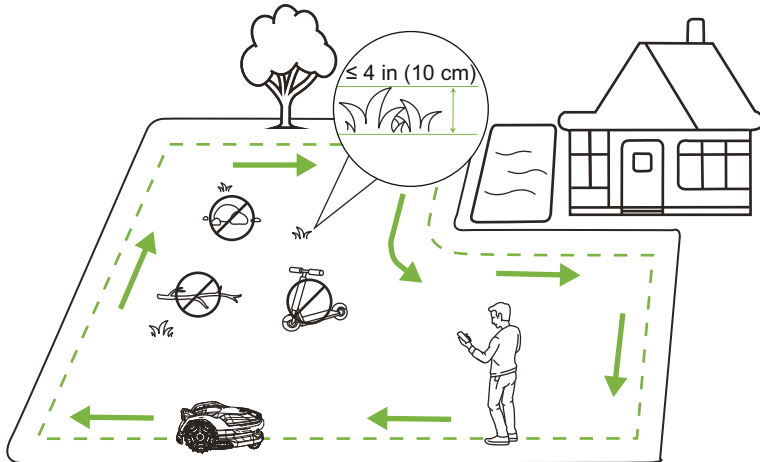


To ensure a smooth setup, please scan the QR code to download the Greenworks AiMowbot SMART App. Alternatively, you can search for "Greenworks AiMowbot SMART" in the Google Play Store (Android) or Apple App Store (iOS). Before installation, please register an account and log in to the app.

Note: During operation, the app may request access to Bluetooth, GPS location, and Wi-Fi network features when necessary. For proper functionality, it is recommended to enable these permissions.

Clear the lawn

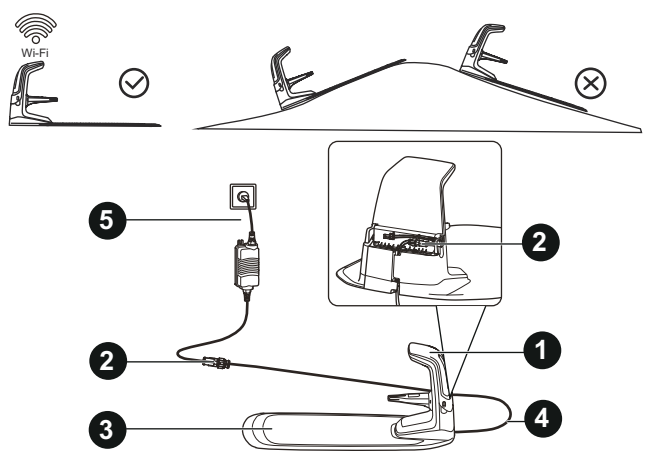
Remove stones, loose pieces of wood, wires, live mains cables or other foreign objects. Make sure children and pets are off the lawn, the operating area is even and has no ditches, grooves, or steep slopes greater than 45% and the grass is no longer than 10 cm (4 in).



2.2 INSTALLATION

2.2.1 INSTALL THE CHARGING STATION

The charging station should be placed in a flat and open area, the front end of the charging station must not be 5 cm (2 in) higher or lower than the back end, and it is recommended to place the charging station in an area covered by Wi-Fi.

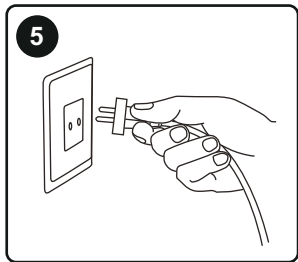
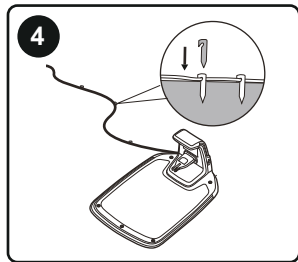
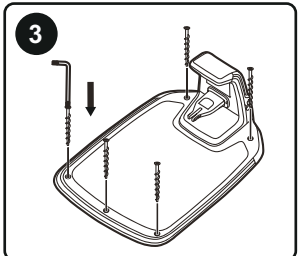
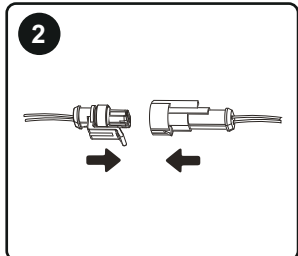
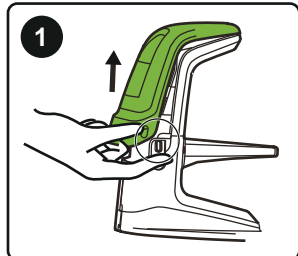


1. Open the cover of the charging station.
2. Connect the low voltage cable with the charging station. The left connector is for the antenna's low-voltage cable, and the right connector is for the charging station's low-voltage cable. Thread the low voltage cable(s) behind the tabs to hold it in place in the charging station. Connect the other end to the 29V power supply cable.
3. Secure the charging station to the ground with the five supplied fixing screws using a L-shaped hex key wrench.
4. Use pegs to fix the position of the cables on the ground.
5. Plug in the power cord at the final step of the installation.

Note: Make sure the cables are not placed on the lawn or anywhere the mower may pass over. Otherwise, the cables may get damaged.

Note: Do not make new holes in the charging station base plate. Only the existing holes may be used to secure the base plate to the ground.

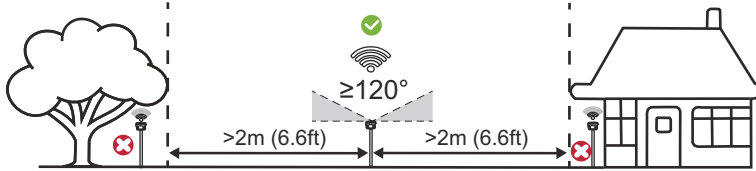
Note: Do not step or walk on the charging station base plate.



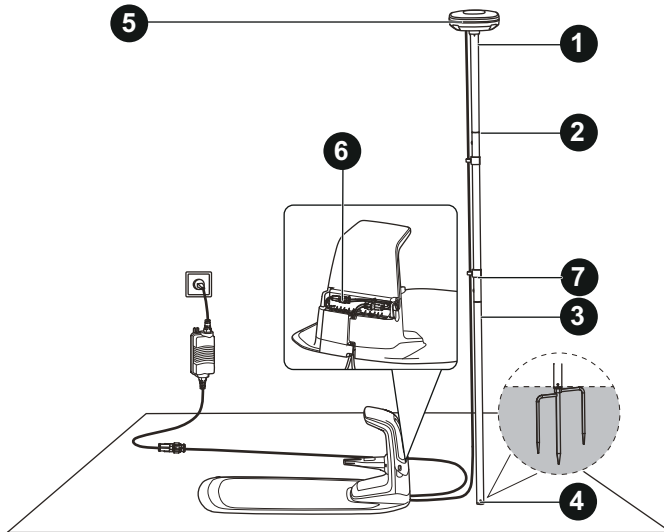
2.2.2 INSTALL THE REFERENCE ANTENNA

There are two installation methods for the reference antenna. If there is only one available outlet in the yard, you may install the system using a single power cable. If multiple outlets are available, you can choose to connect the charging station in one outlet and the reference antenna in another outlet..

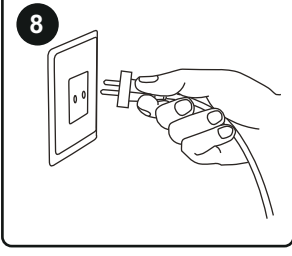
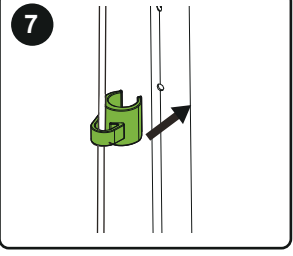
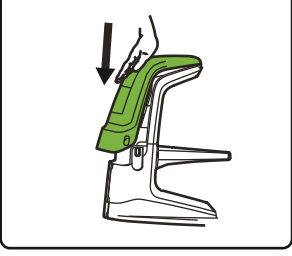
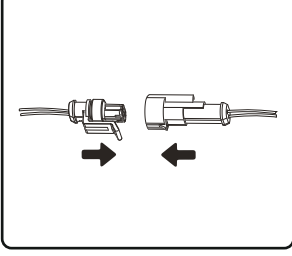
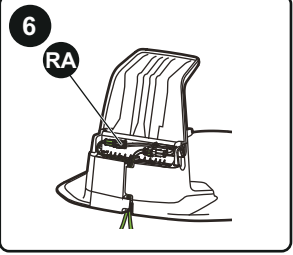
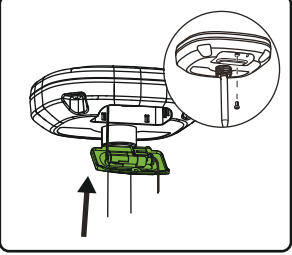
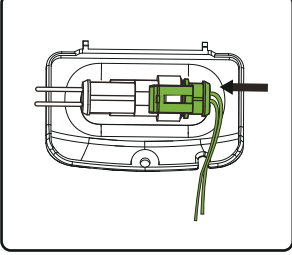
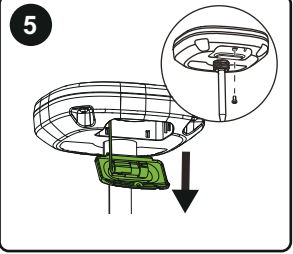
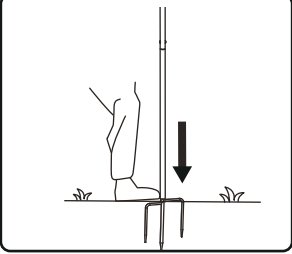
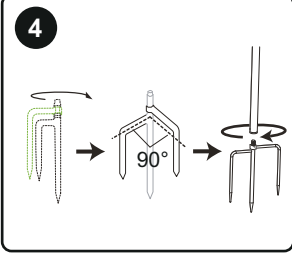
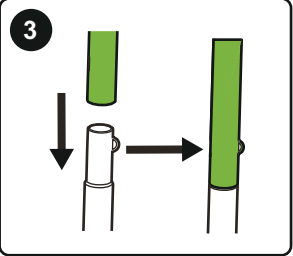
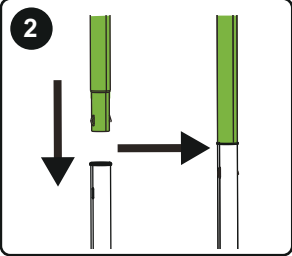
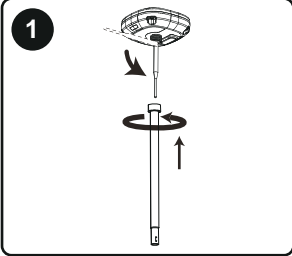
The reference antenna needs to be placed in an open area.



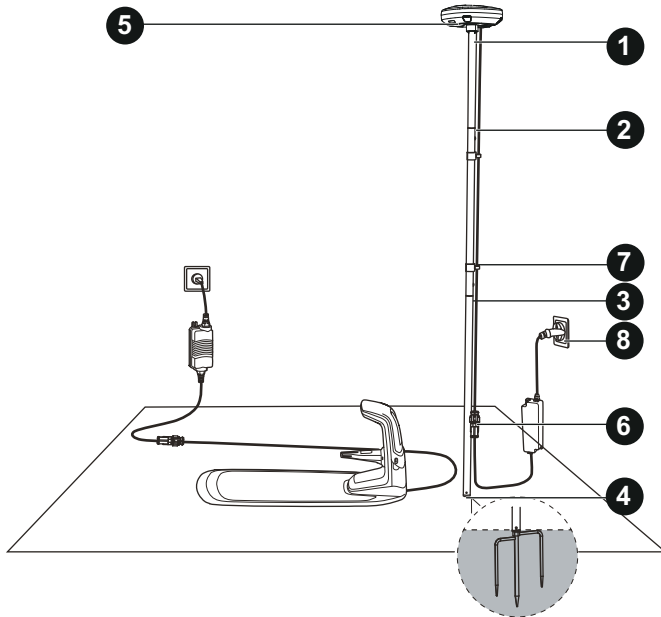
Option 1: Power Reference Antenna through Charging Station



1. Flip the folded antenna rod to the upright position, perpendicular to the ground. Slide one pole over the antenna rod and tighten it securely.
2. Connect the pole with the first support rod.
3. Connect the 2-section metal support rods.
4. Unfold the trident ground spike and Insert the ground spike vertically and ensure all three prongs are fully embedded in the ground.
5. Open the hatch underneath the reference antenna and connect one end of the low voltage cable to the reference antenna.
6. Connect the other end of low voltage cable with the left connector in the charging station. Thread the low voltage cable(s) behind the tabs to hold it in place in the charging station.
7. Insert the wire clip into the hole on the pole and secure the wiring harness.
8. Plug in the power cord.

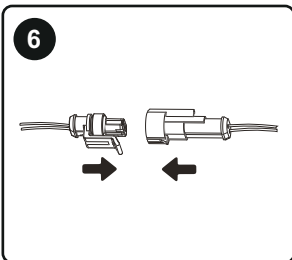


Option 2: Power Reference Antenna Independently



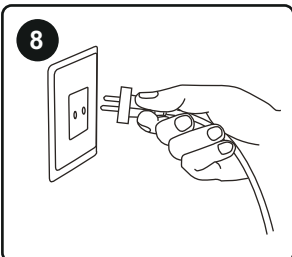
Steps 1 to 5 are the same as Option 1.

Step 6: Connect the other end of the low voltage cable to the power supply cable.

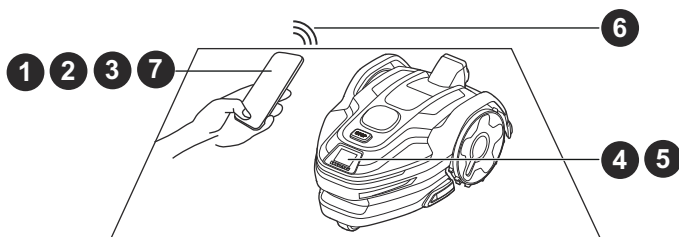


Step 7 is the same as Option 1.

Step 8: Plug in the power cord of the charging station and the reference.



2.3 ACTIVATE THE MOWER



Charge the mower for the first time

A new mower may have a low battery due to extended storage. Before using the mower for the first time, please fully charge it. Place the mower properly in the charging station to begin charging.

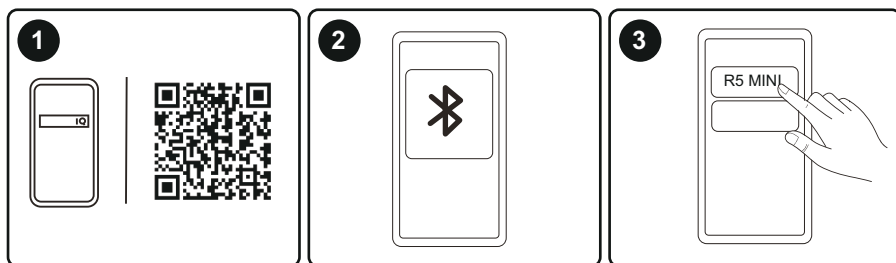
1. Prepare the app according to the previous steps, register an account and log in to the app.
2. Open the Bluetooth settings on your phone.
3. Select the corresponding machine.
4. Manually push the mower to connect with the charging station to power on. Or press and hold the OK button for 3 seconds to power on the mower. Once the mower is powered on, the LED indicator on the mower will turn green.
5. Scan the pairing code displayed on the screen to pair the mower.

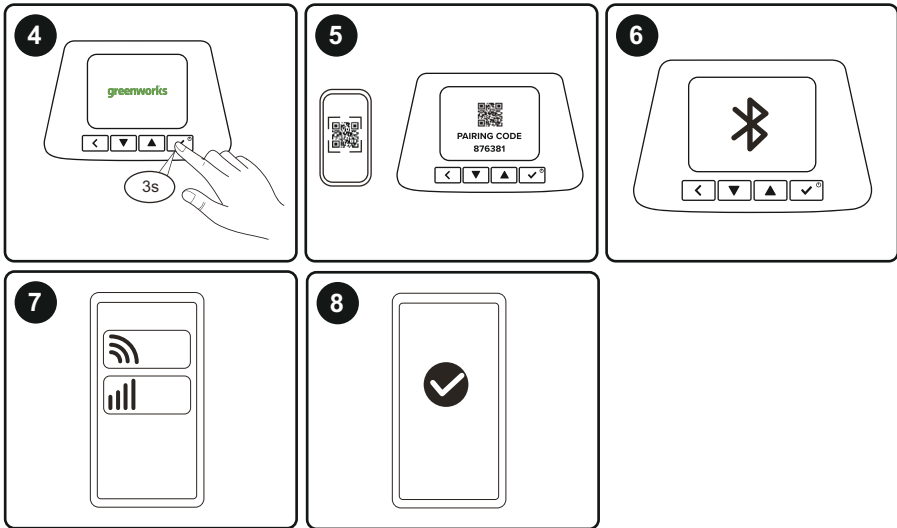
Note: The pairing code represents the highest level of ownership, while the PIN code grants usage rights.

Note: When the mower is not bound to any mobile phone, scan the Pairing Code displayed on the screen to obtain ownership, then set a PIN Code as the primary user. Any additional users wishing to connect to the mower will be required to enter the PIN Code, which grants them usage rights. A copy of the Pairing Code is provided at the last page of this manual, so please keep it in a safe place. Only the Pairing Code owner can change the PIN Code. The Pairing Code will only appear on the screen when it is not bound to any mobile phone (first-time pairing).

6. Check whether the Bluetooth on the machine is connected.
7. Connect the phone to Wi-Fi or activate 4G.
8. After pairing is complete, follow the prompts in the app to complete the self-positioning process.

Note: Remove the protective film from the camera lens before use.





2.4 UPGRADE TO THE LATEST FIRMWARE

The AiMowbot SMART supports Over-The-Air (OTA) firmware updates. To ensure the best experience, please update to the latest firmware before first use. In the app, navigate to Mower > My Device Settings > Firmware Update.

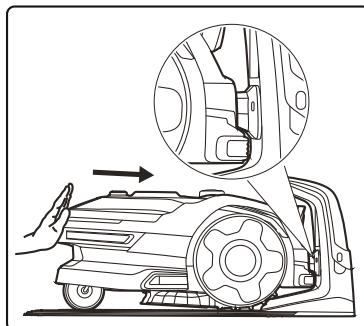
When automatic updates are enabled, the system will perform upgrades automatically between 2:00 AM and 4:00 AM local time when needed.

After you activate the mower, keep it connected to the network and follow the prompts in the pop-up window. Depending on Wi-Fi strength, the upgrade could take up to 10 minutes to complete automatically. During this time, do not power off the mower or perform other operations. You may begin using the mower once the app confirms the upgrade was successful.

2.5 MAP OUT THE WORK AREA

2.5.1 DO THE AUTO-CHECK

1. **Checking charging station:** After connecting to the power supply, the LED light on the charging station turns blue and the LED on the reference antenna turns green. This confirms that the installation is correct.
2. **Checking mower:** Push the mower into the charging station. Please follow the app instructions and tap "Next" and wait until the mower automatic calibration is completed in the app interface.



2.5.2 MAP OUT THE MOWING ZONE

A virtual boundary is used to define the perimeter of a mowing zone.

If your property includes multiple lawns or a single large lawn that requires subdivision, you may create multiple mowing zones. These zones can be connected via transportation paths, allowing the mower to move between zones freely.

Make sure the mower is powered on and successfully paired with your phone.

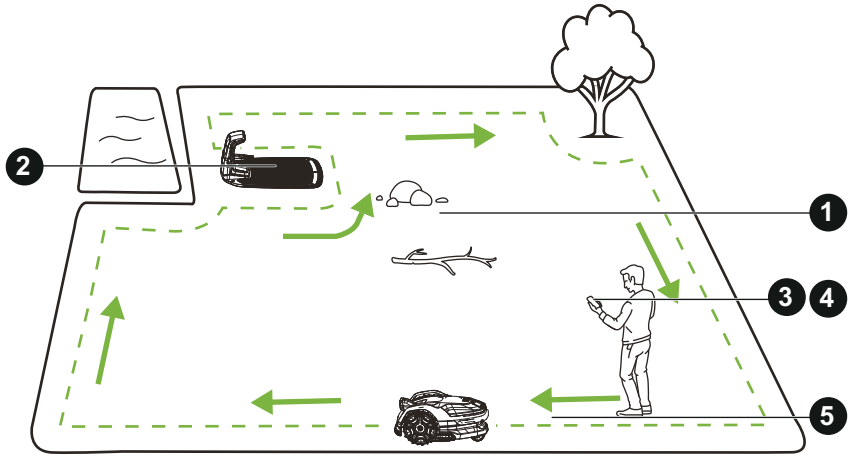
1. Remove stones, loose pieces of wood, wires, live mains cables or other foreign objects.
2. To ensure accurate positioning, place the mower in the charging station, then start calibration.
3. Tap 'Mowing Zone' to start mapping.
4. Find a proper starting point along the edge of your lawn. Keep within 6 m (20 ft) of the mower during the mapping process. For more accurate mapping, maintain a minimum distance of 10 cm (4 in) between the mower and the lawn edges.

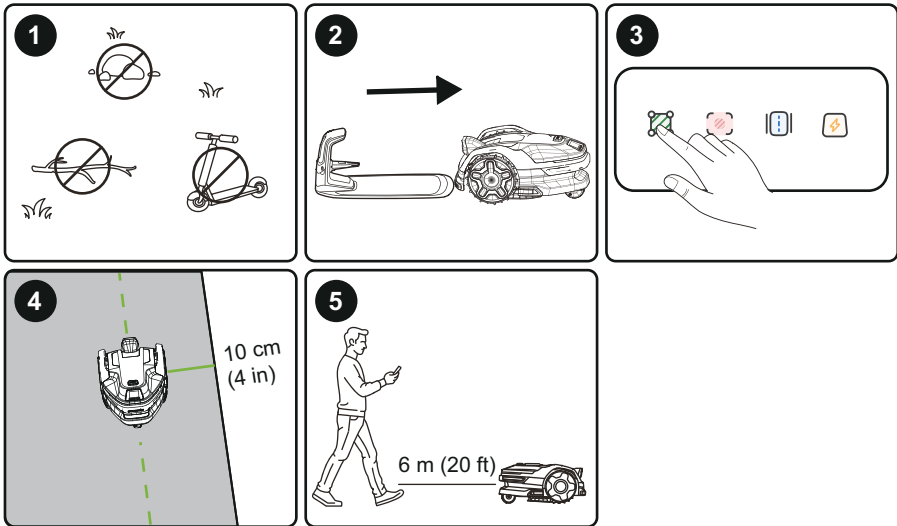
Note: Keep a minimum distance of 10 cm (4 in) to all solid obstacles and 50 cm (20 in) to hazards such as water, cliffs or corners when mapping.

5. Walk along the edge and go back to the starting point in order to complete the mowing zone.

Standard Boundary

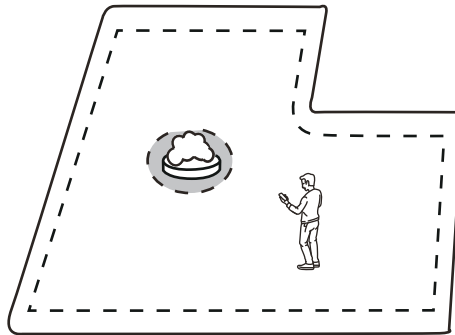
The mower will stay within the defined boundary while mowing along the edges. You don't need to precisely guide the mower along the edges, as the camera sensors will automatically collect data of the environment.





2.5.3 CREATE NO GO ZONES

The camera sensors detect objects on the lawn so that the mower can avoid colliding with them. To safeguard both the mower and items in your yard, you can establish boundaries around objects or areas you want it to avoid — for instance, flower beds, ditches, holes, lawn ornaments, ponds, pools, sprinkler heads, or exposed roots. If you've recently placed items like a trampoline or grill on the lawn, you can also designate them as "no go zone" to protect them.

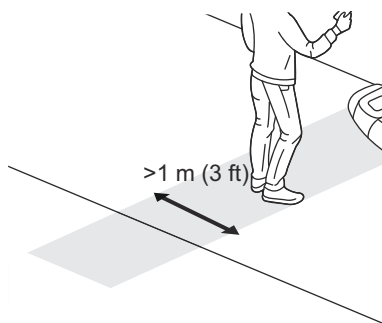


Follow the instructions in the app on how to set up a no-go zone. A no-go zone is a no-mow area within the mowing zone of the lawn.

Keep a distance of 10 cm (4 in) to all solid obstacles and 50 cm (20 in) to hazards such as water or cliffs when mapping. Make sure that the mower's driving path does not overlap when mapping.

2.5.4 CREATE A TRANSPORT PATH

A transportation path can join two separate mowing zones that do not border each other. For example, to join two mowing zones on either side of a driveway. To create a transport path, position the mower at the desired starting point of the transport path. The start/end position of the transport path must be inside a mowing zone.



When creating a transport path to the charging station, drive the mower all the way up on the charging station. When the mower has its front wheels on the charging plate, it automatically takes over and docks by itself. When the mower has docked the end position can be mapped.

Ensure that the transport path follows the guidelines below.

- No ledges higher than 2 cm (0.8 in).
- Minimum width of transport path > 1 m (3 ft).
- No obstacles within the transport path.

3 DAILY USE

3.1 MOW

3.1.1 HOW DOES AIMOWBOT MOW

Mowing with systematic patterns

Firstly inside the work area, the mower will mow the lawn along a planned path by the operator's choices and then calculated by an algorithm for maximum efficiency. The mower can change its mowing directions according to your choices. This avoids repetitive mowing tracks.

3.1.2 MANAGE MULTIPLE ZONES

It is recommended you start mapping out the zone which includes the charging station. Once complete you can create more mowing zones. Remember to join the mowing zones that do not share a border using transportation paths.

Rename the Zones

1. Tap to enter Map Management.
2. Enter the list of all created maps.
3. Select the Mowing Zone you want to edit.
4. Tap Presets to edit settings and rename the zone.

Create or modify mowing schedules

Schedule Mowing allows you to set specific times and days for the mower to operate automatically. Once scheduled, the mower will start mowing at the defined time without requiring manual intervention. This ensures consistent lawn maintenance even when you're not around.

1. Tap **Mowing Schedule** on the main page to access the task list.
2. Set the start time and end time of the schedule.
3. Select a day to set up a schedule.
4. Select which zone(s) to apply the schedule.
5. Save the settings.

Enable or disable mowing schedules

You can disable the mowing schedules if you don't want the mower to follow the schedule.

3.2 GREENWORKS AIMOWBOT SMART APP

3.2.1 INTRODUCTION

The AiMowbot SMART app is a core component of the AiMowbot system. Through the app, you can:

1. Pair and activate the mower.
2. Create and manage multiple mowing zones.
3. Monitor mower status and progress; remotely start, stop, or send it back to the charging station.
4. View and adjust operational settings — map layout, mowing schedules, etc.
5. Access and configure security and function settings.
6. Perform firmware updates and manage network connection.
7. Unbind the mower; choose to retain or clear stored user data.
8. Access user resources and after-sales support.

3.2.2 DOWNLOAD, REGISTER, LOG IN

1. Search and download the AiMowbot SMART app through the Apple APP store or Google Play Store.
2. Register and log in to your account.
3. Turn on the Bluetooth on your phone and make sure your phone has a network signal.

Note: 1. If you have registered an account through other services of Greenworks, you can log in to the app with the account and vice versa. 2. If you deactivate your Greenworks account, all data related to Greenworks will be deleted. 3. During use, the AiMowbot SMART app will ask you for Bluetooth (iOS/Android), mower location (iOS/Android), and Wi-Fi access (Android). To ensure normal use, please grant the above accesses. 4. If you use the mower with an iOS mobile device, when configuring the mower's Wi-Fi network for the first time, please make sure that your mobile phone is connected to the same Wi-Fi network.

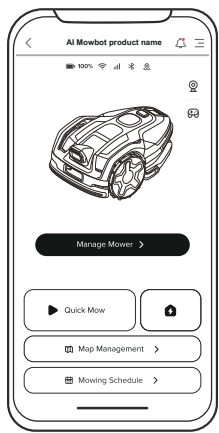
3.2.3 UPDATE AIMOWBOT SMART APP AND FIRMWARE

To experience the latest features and updates, always keep your AiMowbot SMART app and mower up-to-date. You will receive a notification to remind you when there is a new version of the app. To manually check firmware updates for the mower, go to MOWER > Device Settings > Firmware update. To upgrade the firmware successfully, the following conditions need to be met:

- The mower is in the charging station.
- The mower is connected to a network and the signal is strong (through 4G or Wi-Fi).
- The battery power is more than 25%.
- There is no mowing task scheduled in the next hour.

3.2.4 APP HOME PAGE

The home page shows the status of the mower, the status of antennas, work progress, and mowing tasks. You can choose to view the work area of all zones or selected zones, start or pause mowing tasks, and send the mower home.



Battery level	100%	Battery level and charging status
Connectivity		Displays the network that the mower is connected to (Wi-Fi or cellular), and the signal strength
Bluetooth		Bluetooth connected.
Antenna		Reference antenna connected.
Settings and Notifications		Tap to view the settings/notifications of the mower and the app
Monitor		Tap to monitor the working status of the mowing task
Manual Control		Manually control the mowing tasks (blades, direction, speed etc.)
Recharge		Tap to return the mower to charge
Mower Status		Path planning/Mowing/Returning/Charging/Hold to stop/ Pausing

3.3 MOWER SETTINGS

3.3.1 ADD, SWITCH, UNBIND DEVICES

You can add multiple mowers from the home page and switch to another mower by selecting another product in the list. When deleting the mower, you need to confirm this operation. You can choose to retain or clear your user data after unbinding the mower.

3.3.2 NETWORK SETTINGS

You can manage the mower's network connection from the Network Management page. On the Wi-Fi Settings page, you can check the current Wi-Fi network or reconnect to a different one. You may choose to use 4G only, Wi-Fi only, or allow the system to automatically select the optimal network based on connection status.

3.3.3 TIME ZONE AND COUNTRY

You can manually select your local time zone and country or region so that the mowing schedules can follow your local time. You can enable the Daylight Saving Time mode if your region follows this practice. This way, the mower can automatically adapt to your local time during summer and winter.

3.3.4 SOUND AND LIGHT SETTINGS

The sound effects are enabled by default. When you disable it, the mower will not make any sounds of notification during mowing and charging.

The obstacle sensor sensitivity can be adjusted. The default setting is medium sensitivity when powered on.

3.4 SAFETY FEATURES

3.4.1 RESET THE PIN CODE

You can reset the PIN code in Device Settings > Security > Change PIN code.

3.5 APP SETTINGS

Go to Profile to browse and adjust the app-related settings.

Account Information

You can check your email address, name, country, change the password and delete your account.

App Preferences

You can switch between the metric units and the imperial units here.

Support

You can view the latest user materials, tutorial videos, FAQ, and contact us for support via Live Chat here.

About the App

You can view the current app version here.

Legal

You can view the latest User Agreement and Privacy Policy here.

Log Out

You can log out of your account here, and your data will not be deleted after logging out.

4 MAINTENANCE

To achieve better mowing results and increase the service life, be sure to keep the mower clean and the blades in good condition. Inspection and maintenance should be carried out by an adult every week. Any damaged or worn parts should be replaced. DO NOT perform maintenance without taking safety precautions. Always wear long trousers, work shoes and protective gloves when servicing the mower.

▲ WARNING

Wear protective gloves when handling or working near the sharp blades.

▲ WARNING

Before working on the mower, press and hold the OK button for 3 seconds to turn off the mower.

▲ WARNING

Before working on the charging station or power supply, remove the plug from the mains.

- Periodically perform a visual inspection of the mower and replace worn or damaged parts for safety.
- Clean the mower regularly for best function.
- Make sure that the blades rotate freely.

- Keep all nuts, bolts, and screws tight (blades should be pivoting) to be sure that the mower is in safe working condition.
- The normal operating life of the blades is approximately 80 hours when used at maximum area capacity and longer for smaller areas.

▲ CAUTION

Dull blades result in the grass being cut poorly; requiring more energy and shorter time between battery charging.

4.1 CLEANING

Use a soft brush, damp cloth and low-pressure water hose to thoroughly clean the mower's exterior. Do not use alcohol, gasoline, acetone, or any other corrosive or volatile solvents, as they can damage the mower's surface and internal components.

To ensure proper docking, regularly check and clean the charging station, removing any dirt or debris. Make sure the connections between the charging station, extension cable, and power supply remain clear and unobstructed.

▲ WARNING

Press and hold the OK button for 3 seconds to turn off the mower.

▲ WARNING

Before turning the mower upside down, it must be powered off.

- **Chassis and cutting disc:** If the chassis or cutting disc becomes dirty, clean them using a brush or a water hose. Do not use a high-pressure washer. Also ensure that the cutting disc rotates smoothly and the blades can pivot freely.

▲ WARNING

High-pressure water can leak into the sealings and damage electronic and mechanical parts.

- **Blade fender:** Regularly inspect the blade fender. If mud, grass clippings, or other debris accumulate, remove them with a dry brush or a scraper.
- **Rear wheels (universal wheels):** Regularly inspect and clean the caster wheels. If they become stuck or don't roll smoothly, remove any mud and apply lubricant to restore free movement.
- **Front drive wheels:** Regularly inspect and clean the front wheels. Remove any grass clippings or debris. If mud or dirt causes them to stick, rinse with a water hose and ensure they rotate freely.
- **Camera lens:** Regularly inspect and clean the camera lens. A dirty or smudged lens can degrade the mower's performance.
- **Charging port:** Check the charging port for any grass clippings or dirt and clean it promptly if needed. Failure to do so may result in poor contact, preventing the mower from charging properly.

4.2 REPLACE BLADES

If the mower is used frequently, it is recommended to replace the blades and screws every 80 working hours to maintain safety and optimal cutting performance. Always replace all three blades and their screws at the same time to ensure a balanced and safe cutting system.

Wet grass tends to stick to the blades and the underside of the mower, which can affect performance and require more frequent cleaning. For the best mowing results and to promote lawn health, avoid mowing during heavy rain or when the grass is excessively wet.

It is normal for small amounts of grass clippings to accumulate on the blades during operation. The blade design allows them to rotate freely around the screws even with minor debris buildup, so light accumulation does not affect mowing performance. The mower is engineered to operate effectively despite minimal clippings collecting over time.

▲ WARNING

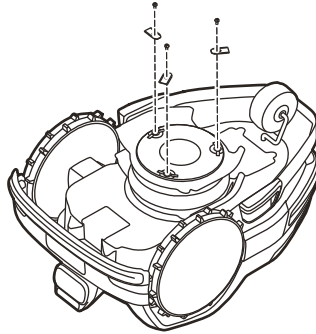
Press and hold the OK button for 3 seconds to turn off the mower. Wear protective gloves and do not touch the cutting disc or the skid plate before these have come to a complete stop.

▲ CAUTION

Use only Greenworks genuine replacement parts.

How to replace the blades:

1. Turn off the mower. To avoid scratching, place the mower on a soft and clean surface and turn the mower upside down.
2. Loosen the screws using a straight slot or Philips screw driver.
3. Replace all three blades and screws as a set at the same time.
4. Attach the new blades using new screws.
5. Check that the blades pivot freely.
6. After replacing the blades, manually reset the blade replacement timer in the app.



Note: After the blades and screws are secured, the blades may still appear loose — this is normal. The blades are designed to rotate freely on the blade disc. During mowing, the rotation of the blade disc generates centrifugal force, causing the blades to swing outward. This outward position enables the blades to cut grass efficiently.

4.3 TRANSPORTATION

For long-distance transportation, use the original packaging to protect the mower. Before lifting, moving, or transporting the product, power it off completely. Handle the mower with care, avoiding impacts, dropping, or applying heavy pressure. Never lift or carry the mower while the motor is running.

How to move or lift properly

Carry the mower by the handle, with the blade disc facing away from your body.

▲ WARNING

To prevent damage to the mower or charging station, do not lift the mower by the handle while it is parked in the charging station. Always remove the mower from the charging station before lifting it.

4.4 BATTERY

▲ WARNING

Press and hold the OK button for 3 seconds to turn off the mower and wear protective gloves.

▲ CAUTION

Use only Greenworks genuine replacement parts.

Power off the mower and charge its battery to at least 85% before storage to prevent over-discharge and potential damage to electrical components. For long-term storage, recharge the mower every 120 days.

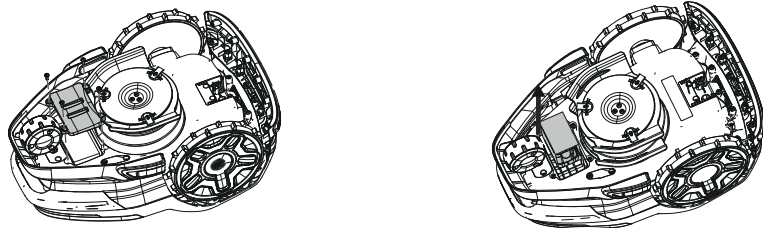
Battery damage caused by over-discharge is not covered under the Limited Warranty.

Do not use or store the battery in extreme temperatures, such as above 50°C (122°F) or below -20°C (-4°F).

Temperature protection activates at 0°C (32°F) and 53°C (127°F). The battery will not charge until the temperature rises to 3°C (37°F) or higher, or drops to 49°C (120°F) or lower.

When the battery temperature is outside the safe range, the mower will not operate, and you will receive a push notification through the AiMowbot SMART app.

How to replace the battery:



1. Turn the mower upside down and remove the four ST5 screws and remove the battery cover.
2. Disconnect the battery terminal connector.
3. Lift the battery straight out.
4. Insert the new battery.
5. Connect the battery terminal connector to the new battery.
6. Replace the sealing strip on the battery cover.
7. Put the battery cover back into place and insert and tighten the four screws.
8. Press and hold the OK button for 3 seconds to turn on the mower.
9. Place the mower into the charging station to enable and charge the battery.
10. Discard the old battery in accordance with local environmental regulations.
11. After replacing the battery, manually reset the battery usage record in the app.

Note: The battery life depends on how often the product is used and the total working hours. When the operation time is significantly shorter than usual per full charge or the lawn is not well-cut, consider contacting the after-sales service to replace the battery.

4.5 POWER SUPPLY

- Disconnect the power supply:
 - Before clearing a blockage;
 - Before checking, cleaning, or working on the machine;
 - After striking a foreign object to inspect the machine for damage.
- Regularly examine the cord, plug, enclosure, and other parts. If any damage or signs of aging are found, stop using immediately.

▲ WARNING

1. Do not operate a damaged power supply. If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified person to avoid hazards. If the extension cable is defective, replace it with the 10-meter cable approved by Greenworks. Do not connect a damaged cord to the power supply or touch a damaged power or extension cable before it is unplugged from the socket. 2. Damaged cords may expose live parts. 3. Do not use the power supply with any product or battery other than the original one. Using incompatible batteries may cause personal injury, fire, or electric shock, and product safety cannot be guaranteed. 4. Do not charge the battery if it is leaking. 5. Keep the extension cable away from moving parts to prevent damage that could result in exposure to live electrical components.

4.6 STORAGE

- Before storage, turn off the mower and charge its battery to at least 85% to prevent over-discharge, which can cause permanent damage.
- Store the mower in a cool, dry indoor location. Direct sunlight or exposure to extreme temperatures (hot or cold) can accelerate component aging and may permanently damage the battery.
- Keep the mower, charging station, and power supply away from heat sources such as stoves or radiators, and from chemicals. Protect the power supply from moisture and store it in a well-ventilated area.

▲ WARNING

When there is a risk of a thunderstorm, unplug the power supply from the wall outlet and disconnect all cables and wires attached to the charging station. Reconnect everything only after the thunderstorm risk has passed.

4.6.1 WINTER STORAGE

For best performance and extended lifespan, it is recommended to store your mower during the winter months when it is not in use. Proper storage will protect the mower from harsh winter conditions and ensure it functions correctly when spring arrives. Cold weather, including freezing temperatures and snow, can damage the mower's sensitive components. Follow the steps below for proper winter storage:

Put the mower in storage

1. Remove the mower from the charging station. Ensure the battery level is at least 85%.
2. Power off the mower completely.
3. Disconnect the power supply and antenna.
4. Put on protective gloves and carefully remove the blades.
5. Turn the mower upside down and clean it using a brush.
6. Rinse off any remaining dirt with a water hose, then allow the mower to dry completely.

Put the charging station in storage

1. Disconnect the power supply from the wall socket and the charging station and store everything indoors.
2. If it is not possible to store the charging station indoors, the charging station must remain connected to the power.

Put the antenna in storage

If the antenna is installed on a wall or roof, use a plastic bag or a cover to cover up the antenna. If the antenna is installed from the ground, follow the steps below:

1. Remove the antenna and the pole. Keep the base fork at its place.
2. Put away the cable for the antenna.

Note: *This may require the user to remap the entire yard the following spring.*

4.6.2 SPRING RESTORAGE

To restore your robotic mower and its installations in spring, follow these steps:

1. Remove all protective coverings from the mower.
2. Ensure the charging station is clean and free of dirt.

Note: *The new installation position should not differ by more than 5 cm (2 in) from last year's position.*

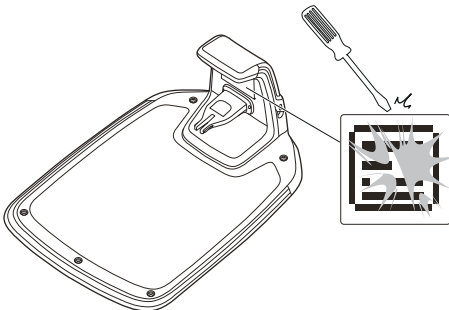
3. Reconnect all cables that were disconnected during winter. Inspect the cables for any damage or breaks and repair if necessary.

Note: *Install the new blades. Clean the camera lens to ensure proper operation.*

4. Finally, power on the mower and verify that it remains connected to the app and operates correctly.

4.7 QR CODE REPLACEMENT

The QR code label on the charging station is used for docking. If the code becomes worn or damaged, please replace it promptly (with 3 provided replacements). Each QR code is affixed to a plastic plate. When the code needs to be replaced, simply replace the plate on the charging station.



4.8 SUPPORT

For support regarding the product please contact the customer service team through the in APP chat function or check out our website:



4.9 RECYCLING AND END-OF-LIFE DISPOSAL

DO NOT treat this product as domestic waste. For recycling information, contact your domestic waste service, your municipality, or point of sale.

▲ WARNING

Do not dispose of this product in a landfill, by incineration, or with household waste. Serious injury or hazards may result due to the electrical components.

5 WARRANTY TERMS

Greenworks guarantees this product's functionality for a period of three years (from date of purchase), except for the battery that has two years warranty period. The guarantee covers serious faults relating to materials or manufacturing faults. Within the guarantee period, we will replace the product or repair it at no charge if the following terms are met:

- The mower and the charging station should only be used in compliance with the instructions in this operator manual.
- Users or non-authorized third parties must not attempt to repair the product.

Examples of faults which are not included in the guarantee:

- Damage caused by lightning.
- Damage caused by improper battery storage or battery handling.
- Damage caused by using a battery that is not an original battery.
- Damage caused by not using original spare parts and accessories, such as blades and installation material.
- Damage on cutting disc.
- Damage on wear parts, such as e.g. front wheels.

The blades are seen as disposable and are not covered by the guarantee.

If a fault occurs with your mower, please contact the customer service for further instructions. Have your receipt and product serial number to hand for quicker assistance.

As a complement to this operator manual, more information is available on the website:

www.greenworkstools.eu

6 CE DECLARATION OF CONFORMITY

Name and address of the manufacturer:

Name: Greenworks Tools Europe GmbH
Address: Brunnenweg 17, 64331 Weiterstadt, Germany

Name and address of the person authorised to compile the technical file:

Name: André Douqué
Address: Brunnenweg 17, 64331 Weiterstadt, Germany

Herewith we declare that the product

Category: Robotic Lawnmower
Model: C6/C8/C10/C12
Serial number: See product rating label
Year of Construction: See product rating label

is in conformity with the relevant provisions of the Machinery Directive 2006/42/EC.

Is in conformity with the provisions of the following other directives:

- Electromagnetic Compatibility - Directive 2014/30/EU
- Radio equipment - Directive 2014/53/EU
- Low Voltage Directive 2014/35/EU
- Restriction of the Use of certain Hazardous
- Substances in Electrical and Electronic
- Equipment (RoHS) Directive 2011/65/EU & (EU) 2015/863

Furthermore, we declare that the following standards have been used:

- EN 60335-1, EN 50636-2-107, EN IEC 61558-1, EN 61558-2-16
- ENIEC 55014-1, EN IEC 55014-2, EN IEC 61000-3-2, EN 61000-3-3
- EN 300 328, EN 305 550-2, EN 303 413, EN 303 447, EN 301 511, EN 301 908-1, EN 301 908-13, EN 301 489-1, EN 301 489-3, EN 301 489-17, EN 301 489-19, EN 301 489-52, EN 62311, EN IEC 62311, EN 60335-2-29
- EN 62321-3-1, EN 62321-4, EN 62321-5, EN 62321-6
- EN 62321-7-1, EN 62321-7-2, EN 62321-8



Place, date:
Weiterstadt, 10.10.2025

Signature: Ted Qu, Quality Director

Ted Qu

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