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ANTHBOT Genie600

ANTHBOT Genie600 Robot Lawn Mower User Manual

Model: Genie600

1. INTRODUCTION

Welcome to the ANTHBOT Genie600 Robot Lawn Mower user manual. The Genie600 is an advanced robotic lawnmower designed to provide effortless and precise lawn care. Featuring a unique RTK+4-Eye Vision positioning system, wire-free operation, and intelligent obstacle avoidance, it ensures your lawn is perfectly maintained with minimal effort.



The ANTHBOT Genie600 Robot Lawn Mower and its protective charging station cover.

For a quick overview of what's included with your Genie600, watch the video below:

Video: ANTHBOT Genie AI Robot Lawn Mower What You Get. This video provides a detailed look at the components included in the ANTHBOT Genie600 package.

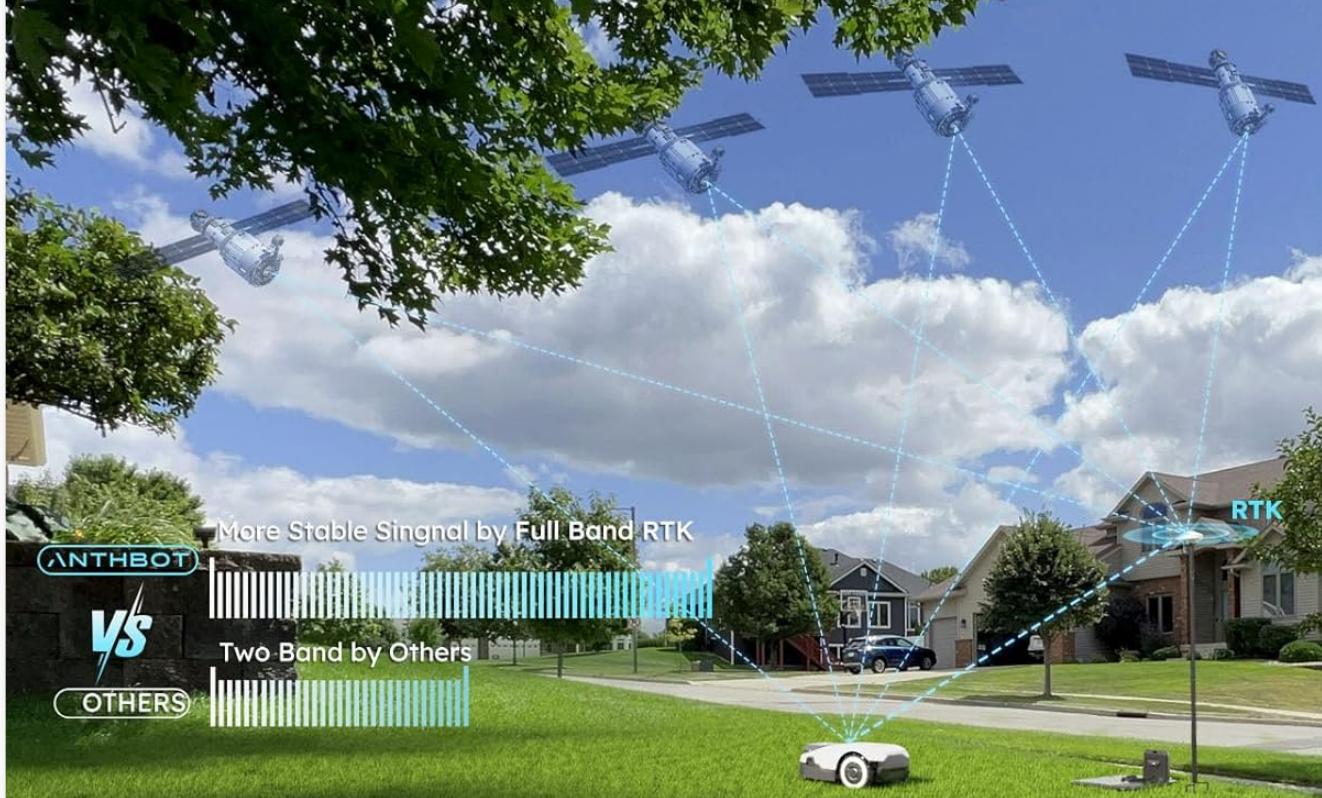
2. KEY FEATURES

2.1 RTK+4-Eye Vision Accurate Positioning System

The Genie600 utilizes a Full Band RTK system combined with human-like 3D vision positioning technology for reliable, high-precision navigation. This dual positioning system ensures uninterrupted mowing, even in areas with weak or no GPS signals, such as under dense trees or near buildings.

RTK & VSLAM 3D Vision System

Delivers High-precision Positioning
to Ensure Genie Work Efficiently



In GPS Blind Spots

When the signal is blocked,
VSLAM 3D Vision System Works.



The RTK & VSLAM 3D Vision System ensures high-precision positioning for efficient operation.

2.2 No Perimeter Wires

Experience hassle-free lawn care with the Genie600's innovative borderless design. Unlike traditional mowers that require complex perimeter wire installations, the Genie600 allows you to start mowing right out of the box, saving time and effort.

4-Camera Vision & AI Smart Obstacle Avoidance

AI models continuously deep-leaning and identify
1000+ obstacles



360° Physical
Collision Sensing



The Genie600 eliminates the need for complex perimeter wire installations.

2.3 ACC Hands-free Auto Mapping & Intelligent Obstacle Avoidance

The Genie600 features advanced AI boundary recognition and Adaptive Cruise Control (ACC) technology for precise automatic lawn mapping. Its 4-camera system identifies boundaries and creates optimal cutting routes, reducing manual intervention. A 300° field-of-view camera with built-in AI algorithms detects over 1000 types of common garden objects, ensuring strong obstacle avoidance and safety, including timely avoidance of animals.

Auto ACC Mapping

Clearly Defined Boundaries Required

One Touch to Start

Manual Mapping

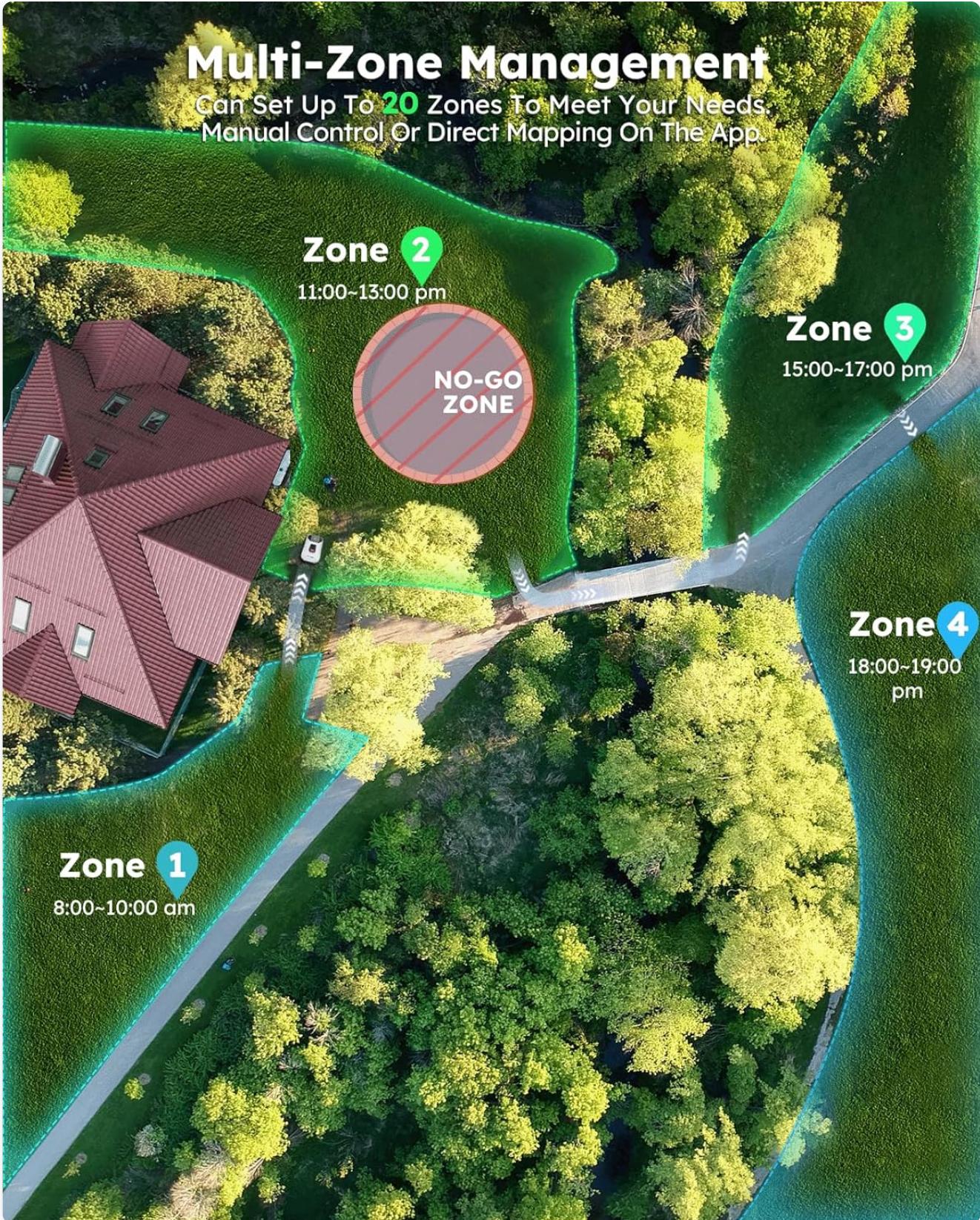
Play The App And Follow The Robot

No need for complex boundary installation.

The 4-Camera Vision and AI Smart Obstacle Avoidance system identifies over 1000 types of obstacles.

Multi-Zone Management

Can Set Up To **20** Zones To Meet Your Needs.
Manual Control Or Direct Mapping On The App.



The Genie600 supports both Auto ACC Mapping and Manual Mapping for flexible boundary definition.

2.4 Multi-zone & No-go-zone Management

Customize mowing settings for over 20 lawn zones to suit your specific needs. The ANTHBOT Smart App allows real-time remote control and monitoring. You can also set no-go zones (e.g., around a swimming pool) for increased safety and accuracy.

More Functions

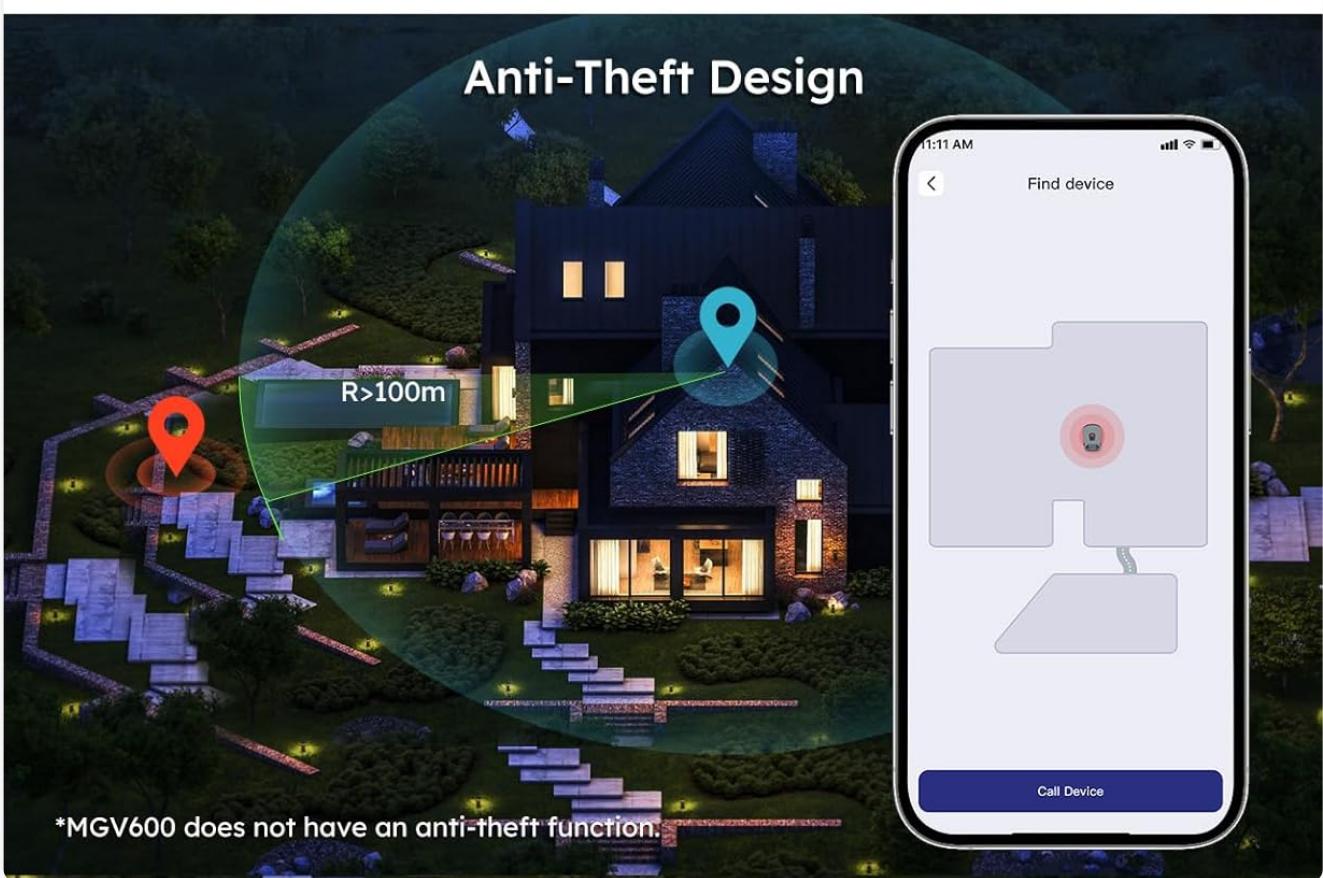
Cut to Edge



45% (24°) Slope Climbing Ability



Anti-Theft Design



Manage multiple zones and define no-go areas for precise lawn care.

2.5 Intelligent Hosting Mode

When activated, the Intelligent Hosting Mode allows the robot mower to intelligently generate and adjust mowing schedules based on your lawn's size, seasonal changes, location, weather conditions, and time. This ensures scientific and optimized lawn care, even when you are away.

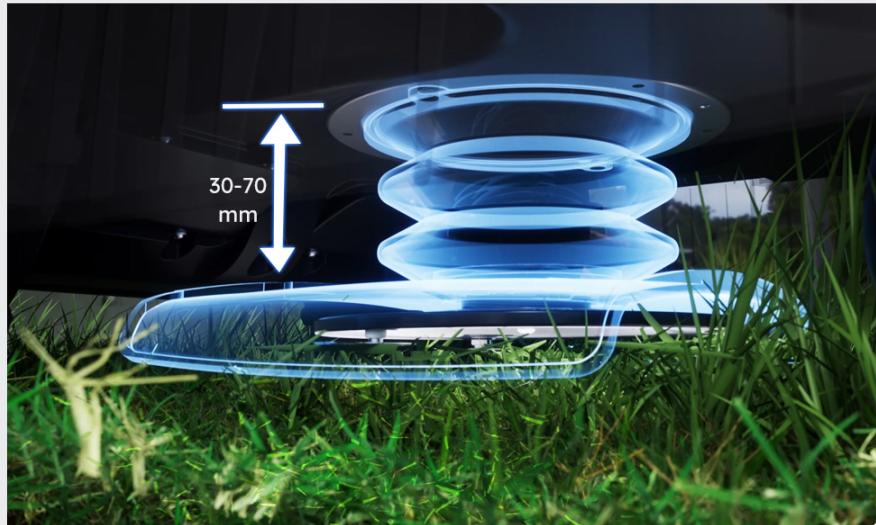
3. SETUP GUIDE

3.1 Unboxing and Initial Inspection

Carefully unpack all components from the box. Verify that all parts are present according to the packing list. The package typically includes the Robot Lawn Mower, Charging Station, RTK unit, screws, and tools & instruction manual.

Adjustable Cutting Height

When facing obstacles like branches, its blade disc automatically lifts, enabling seamless navigation without getting stuck. This smart function ensures smooth operation, preventing damage to both the machine and obstacles encountered.



What's in the box: Robot Lawn Mower, Charging Station, RTK, Screws, Tools & Instruction.

3.2 RTK Base Station Placement

The RTK unit is crucial for precise positioning. Place it in an open area with a clear sky view of at least 120 degrees above, and no walls or buildings within 3 meters. Ensure it is securely installed.

Smart Bot for the Easy Life



Quick Installation steps: Select RTK Location, Set Up Network, Install RTK and Charging Station, Mapping the Mowing Area, and Start Global Mowing.

For detailed guidance on choosing the optimal installation location for your RTK unit, please watch this video:

Video: How to Choose the Right Installation Location. This video provides essential tips for placing your RTK unit to ensure optimal performance.

3.3 Charging Station Setup

Position the charging station on a flat, level surface in an area with good signal reception. Connect the power adapter to the charging station and plug it into a suitable outdoor power outlet. Ensure the charging pins are clean

and unobstructed.



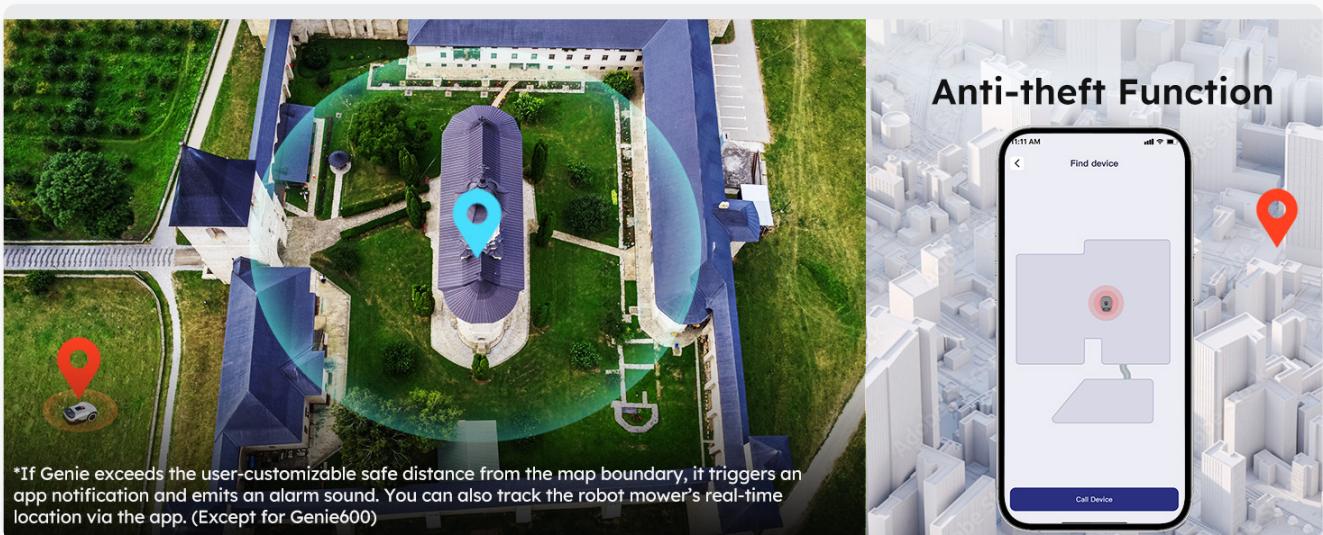
IPX6 Waterproof

Genie has an IPX6 waterproof rating and is easily cleaned. You can use a tool to rinse the mower's bottom and clean the weeds near the blade.

The Genie600 features Auto Recharge, ensuring stable and efficient recharging.

3.4 App Installation and Connection

Download the ANTHBOT app from your mobile device's app store (Google Play or Apple App Store). Follow the in-app instructions to connect your Genie600 to your home Wi-Fi network and complete the initial setup. The app allows for multi-zone management, scheduling, monitoring, and OTA updates.



The ANTHBOT App provides comprehensive control and monitoring features.

If you encounter any network or app connection issues, please refer to this video for troubleshooting steps:

Video: How to Resolve Network & App Connection Failure. This video guides you through common solutions for connectivity problems.

4. OPERATING INSTRUCTIONS

4.1 Mapping Your Lawn

The Genie600 offers two mapping modes: Auto ACC Mapping and Manual Mapping. Auto ACC Mapping allows the mower to automatically define boundaries, while Manual Mapping gives you precise control via the app to outline your mowing area. No complex boundary installation is needed.



Two advanced mapping modes offer maximum flexibility for various terrains.

4.2 Setting Mowing Schedules

Use the ANTHBOT app to set customized mowing schedules. The Intelligent Hosting Mode can automatically adjust schedules based on weather, grass growth, and other factors for optimal lawn health.



The AI Gardener provides algorithm-driven intelligent learning for scientifically customized mowing plans.

4.3 Managing Zones (Multi-zone & No-go-zone)

The app allows you to configure up to 30 zones for precise, targeted mowing. You can also designate no-go zones to prevent the mower from entering specific areas, enhancing safety and accuracy.

Learn how to map multiple zones with your Genie600:

Video: How to Map Multiple Zones. This video demonstrates the process of setting up and managing different mowing zones.

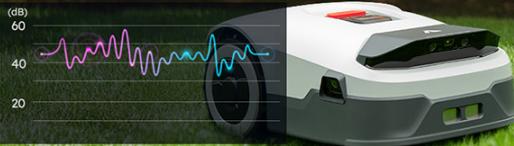
4.4 Precision Edge-Cutting & Slope Climbing

The Genie600 features an advanced Edge-Cutting Mode for a clean finish along borders. It can also handle slopes of up to 45% (24°), ensuring comprehensive coverage even on uneven terrain.



≤58 dB(A) Noise

Let Your Garden Be a Peaceful Haven!



Precision Edge-Cutting ensures a clean finish along borders and edges.

ANTHBOT APP



Multi-zone Management



Set Schedule Mowing



Monitoring Mowing Path



OTA Updates



The Genie600 can handle slopes of up to 45% (24°).

4.5 Adjustable Cutting Height

The Genie600 features an adjustable cutting height mechanism. When facing obstacles like branches, its blade disc automatically lifts, enabling seamless navigation without getting stuck. This smart function ensures smooth operation, preventing damage to both the machine and encountered obstacles. The cutting height can be adjusted between 1.18 inches (30mm) and 2.76 inches (70mm).

AI Smart Path Planning

Intelligently maps an optimized route for maximum efficiency, ensuring full lawn coverage—no missed spots. Say goodbye to mess and enjoy a clean, neat, and well-kept lawn.

3000 r/min **5** blades



The adjustable cutting height feature allows for flexible mowing and obstacle clearance.

5. MAINTENANCE

5.1 Cleaning the Mower

The Genie600 has an IPX6 waterproof rating, making it easy to clean. You can use a tool to rinse the mower's bottom and clean any weeds near the blade. Regularly remove grass clippings and debris from the wheels, chassis, and cutting deck to ensure optimal performance.



Precision Edge-Cutting

Genie's advanced Edge-Cutting Mode ensures a precise, clean finish along borders and edges. Designed to tackle tricky corners and lawn perimeters, this feature enhances the overall look of your yard by eliminating untrimmed patches.

*Provided the lawn edges are level with the rest of the lawn.

The IPX6 waterproof rating allows for easy cleaning of the Genie600.

5.2 Blade Inspection and Replacement

Periodically inspect the cutting blades for wear or damage. Dull or damaged blades can affect cutting quality. Replace blades as needed following the instructions in the detailed user manual (PDF).

5.3 Software Updates (OTA)

The Genie600 supports Over-The-Air (OTA) updates. Ensure your mower is connected to Wi-Fi to receive the latest software improvements and features automatically via the ANTHBOT app.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your ANTHBOT Genie600. For a comprehensive guide, please refer to the official Troubleshooting Guide (PDF) available on the product page.

6.1 Common Issues and Solutions

- Mower not charging:** Ensure the charging station is powered on and the mower is correctly docked. Clean the charging contacts on both the mower and the station.
- Mower getting stuck frequently:** Check for obstacles in the mowing area. Review your mapped zones and no-go zones in the app. Adjust cutting height if the grass is too tall.
- Poor cutting performance:** Inspect the blades for sharpness and damage. Replace if necessary. Ensure the cutting height is appropriate for your lawn.
- App connection issues:** Verify your Wi-Fi signal strength. Restart the mower and your mobile device. Refer to the 'How to Resolve Network & App Connection Failure' video in the Setup section.

If you require further assistance, you can contact online support directly through the app:

Video: How to Contact Online Support on the APP. This video demonstrates how to access and use the in-app support feature.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	ANTHBOT
Model	Genie600 (US-Genie600-2)
Power Source	Battery Powered
Material	Aluminum, Plastic
Color	Gray
Item Weight	46 Pounds
Product Dimensions	25"D x 11"W x 16"H
Cutting Width	7.9 Inches
Adjustable Cutting Height	1.18 - 2.76 Inches (30-70mm)
Operation Mode	Automatic
Max. Mowing Area	0.20 Acre
Slope Climbing Ability	Up to 45% (24°)
Noise Level	≤58 dB(A)
Waterproof Rating	IPX6

8. WARRANTY AND SUPPORT

8.1 Product Warranty

The ANTHBOT Genie600 Robot Lawn Mower comes with a 2-year manufacturer's warranty. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official warranty documentation.



Robot Lawn Mower



Charging Station



RTK



Screws



Tools & Instruction

What in the box?

Robot Lawn Mower x1

Charging Station x1

RTK x1

Screws

Tools & Instruction

The ANTHBOT Genie600 comes with a 2-year mower warranty.

8.2 Customer Support

For technical assistance, troubleshooting, or any inquiries regarding your Genie600, please contact ANTHBOT customer support. You can reach us via:

- **APP Live Chat:** Available directly through the ANTHBOT mobile application.
- **Email:** Refer to the contact information provided in the official User Manual (PDF).
- **Technical Service Team:** Dedicated support for complex issues.

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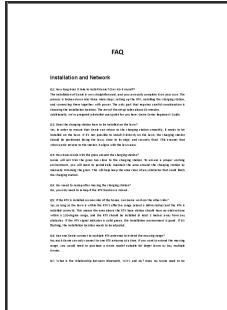
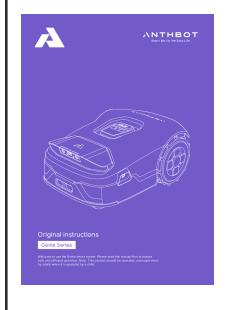
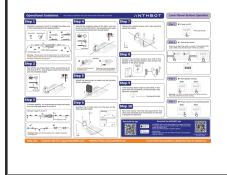
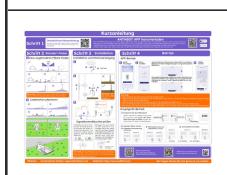
BENZINGA

Need help? Contact ANTHBOT support via APP Live chat, Email, or the Technical Service Team.

You can also find additional resources and detailed instructions in the official PDF documents:

- [User Guide \(PDF\)](#)
- [User Manual \(PDF\)](#)

Related Documents - Genie600

	<p>Genie Robot Lawn Mower FAQ and Troubleshooting Guide</p> <p>A comprehensive guide to the Genie robot lawn mower, covering installation, network setup, mapping, mowing issues, RTK and 4G functionality, error codes, and troubleshooting.</p>
	<p>ANTHBOT Genie Series Robotic Mower: Original Instructions and User Manual</p> <p>This document contains the original instructions and user manual for the ANTHBOT Genie Series robotic mower, covering setup, operation, safety, maintenance, and troubleshooting for models like Genie600, Genie1000, and Genie3000.</p>
	<p>ANTHBOT Lawn Mower: Operational Guidelines and Installation</p> <p>Detailed operational guidelines and installation instructions for ANTHBOT lawn mowers, covering boundary wire setup, docking station installation, and basic operation.</p>
	<p>ANTHBOT Genie Robot Fűnyíró Használati Útmutató: Telepítés, Kezelés és Karbantartás</p> <p>Átfogó útmutató az ANTHBOT Genie robotfűnyíró telepítéséhez, biztonságos üzemeltetéséhez, funkcióihoz, karbantartásához és hibaelhárításához. Ismerje meg a Genie sorozatot.</p>
	<p>ANTHBOT Genie Robotic Lawn Mower Quick Installation Guide</p> <p>Comprehensive quick installation guide for the ANTHBOT Genie robotic lawn mower. Learn how to download the app, find a location, install the charging station and RTK base, and start mowing. Includes operational steps and support information.</p>
	<p>ANTHBOT MGC Series Robotic Lawn Mower Operator's Manual</p> <p>Comprehensive operator's manual for the ANTHBOT MGC Series Robotic Lawn Mower (MGC500, MGC750, MGC1000). Includes installation, operation, safety guidelines, maintenance, and troubleshooting.</p>