

SUNTEK SRM2025

SUNTEK SRM2025 KI Pure Vision Robot Lawnmower User Manual

Model: SRM2025

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your SUNTEK SRM2025 KI Pure Vision Robot Lawnmower. Please read this manual thoroughly before using the product and retain it for future reference.

2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This robot lawnmower is designed for outdoor use on lawns only. Keep hands and feet away from moving parts. Do not operate the mower in wet conditions or when children or pets are in the vicinity. Ensure the charging station is placed on a level surface and connected to a suitable power outlet.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- SUNTEK SRM2025 Robot Lawnmower
- Charging Station
- Power Adapter
- User Manual
- Replacement Blades (quantity may vary)

4. PRODUCT OVERVIEW

The SUNTEK SRM2025 is an advanced robot lawnmower featuring KI Pure Vision technology for boundary wire-free operation. It uses AI to detect and avoid over 200 types of obstacles, ensuring efficient and safe mowing.

Key Features:

- **KI Pure Vision Technology:** Advanced AI visual system for obstacle detection and navigation without boundary wires.
- **Boundary Wire-Free Operation:** No perimeter wires or RTK base stations required.
- **Automatic Mapping:** The robot maps and mows lawns up to 250 m² autonomously.
- **Smart App Control:** Manage mowing schedules and settings via Bluetooth and Wi-Fi.
- **High Slope Capability:** Handles inclines up to 35%.
- **IPX5 Waterproof:** Resistant to daily rain and allows for easy cleaning.
- **Rain Sensor:** Automatically returns to the charging station during rain.

5. SETUP

5.1 Charging Station Placement

Select a location for the charging station on a flat, level surface with access to a power outlet. Ensure there is clear space around the station for the robot to dock easily. Avoid direct sunlight or areas prone to heavy rain.

5.2 Initial Charging

Connect the power adapter to the charging station and plug it into a power outlet. Place the robot lawnmower onto the charging station. The robot will begin charging automatically. Allow for a full charge before the first operation.

5.3 App Installation and Connection

1. Download the official SUNTEK app from your device's app store.
2. Create an account or log in.
3. Follow the in-app instructions to connect your SRM2025 via Bluetooth and then Wi-Fi. This enables remote control and scheduling.

The robot lawnmower operates without boundary wires, simplifying installation. It uses its KI Pure Vision technology to map your lawn automatically during its first few operations.

Aucune restriction de câble ou installation d'antenne requise

Placez et démarrez – l'entretien de la pelouse n'a jamais été aussi simple.



Aucune Installation Requisite

Image: The SUNTEK SRM2025 robot lawnmower operating on a lawn, illustrating its boundary wire-free functionality. No manual wire installation is required.

6. OPERATING INSTRUCTIONS

6.1 Starting and Stopping

To start the robot, press the 'Start' button on the device or initiate a mowing session via the mobile app. To stop, press the 'Stop' button on the robot or use the app. The robot will return to its charging station.

6.2 Mowing Schedule and Area Management

Utilize the SUNTEK app to create customized mowing schedules. You can define specific mowing times and days. The robot will automatically map your lawn up to 250 m² and optimize its mowing path.

Contrôle par application intelligente

Configurez facilement les planning de tonte et la connexion réseau via Bluetooth.



Image: An aerial view of the SUNTEK SRM2025 robot lawnmower on a lawn, with a smartphone displaying the control app interface, demonstrating intelligent app control.

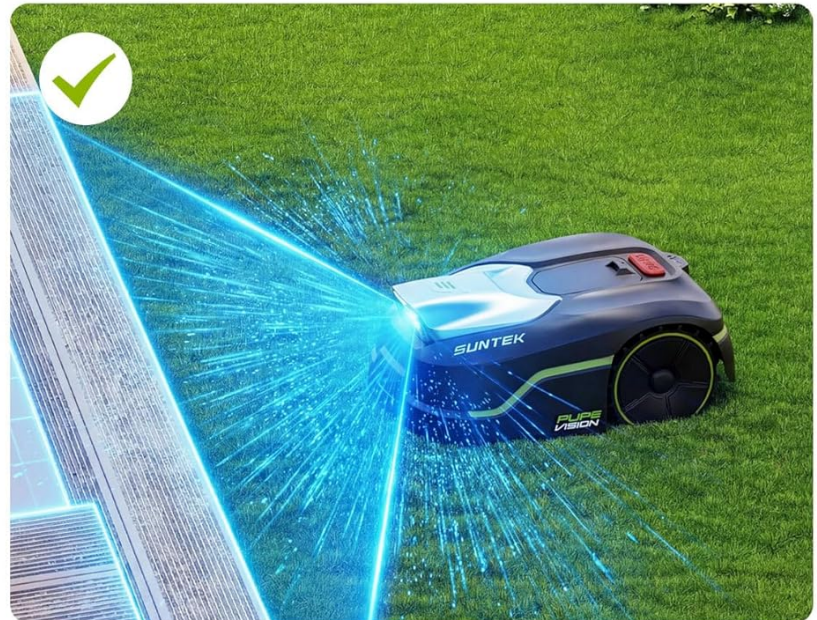


Image: The SUNTEK SRM2025 robot lawnmower on a well-maintained lawn, with large glowing '250m²' text, indicating its effective working surface area.

6.3 Adjusting Cutting Height

The cutting height can be adjusted between 3 cm and 6 cm to suit different grass types and desired lawn appearance. Refer to the robot's physical adjustment mechanism or the app for specific instructions.

Pente jusqu'à 35%

Vient à bout des pelouses exigeantes, en pente et irrégulières avec facilité.



Image: The SUNTEK SRM2025 robot lawnmower navigating an incline, with insets showing adjustable cutting heights of 3cm and 6cm, highlighting its ability to handle slopes up to 35%.

6.4 Obstacle Avoidance

The KI Pure Vision technology allows the robot to detect and avoid over 200 types of obstacles, including garden furniture, plants, and pets. This ensures a smooth and uninterrupted mowing process.

Vision Pure Technologie d'Apprentissage Profond par IA

Détecte et évite plus de 200 obstacles différents

Types d'Obstacles Reconnaissables

200+



Piétons



Animaux
domestiques



Tables & Chaises



Arbres



Jouets



Clôtures



Plantes en pot

Image: The SUNTEK SRM2025 robot lawnmower on a lawn, illustrating its AI Pure Vision technology detecting and avoiding various obstacles like potted plants and balls.

6.5 Automatic Return to Charging Station

The robot will automatically return to its charging station when the battery is low or when its integrated rain sensor detects precipitation. This protects the device and ensures continuous operation.

Retourne automatiquement à la station de charge.

Par temps de pluie ou en cas de batterie faible



Image: The SUNTEK SRM2025 robot lawnmower automatically navigating back to its charging station, indicated by blue arrows, for recharging or during rain.

7. MAINTENANCE

7.1 Cleaning

Thanks to its IPX5 waterproof rating, the robot can be easily cleaned by rinsing. Ensure the robot is turned off and disconnected from the charging station before cleaning. Remove grass clippings and debris from the cutting deck and wheels.

Tonte efficace et sans effort

Surface de travail jusqu'à 250 m²

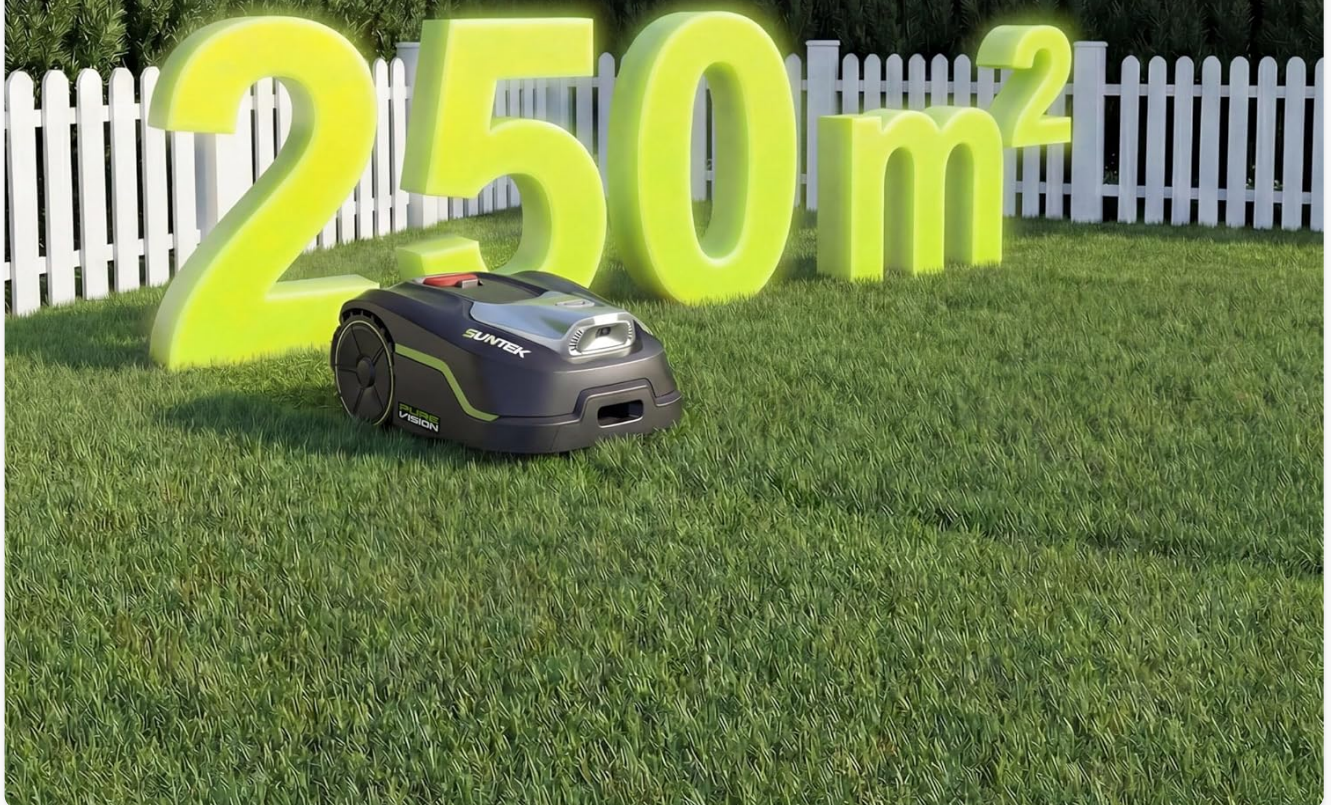


Image: A person cleaning the underside of the SUNTEK SRM2025 robot lawnmower with a hose, demonstrating its IPX5 waterproof rating and ease of maintenance.

7.2 Blade Replacement

Regularly inspect the blades for wear and damage. Replace dull or damaged blades to maintain optimal cutting performance. Always wear protective gloves when handling blades. Refer to the specific instructions for blade replacement provided in the full manual.

7.3 Battery Care and Storage

For long-term storage, ensure the battery is fully charged and store the robot in a dry, frost-free environment. Periodically charge the battery during extended storage to prolong its lifespan.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your SUNTEK SRM2025 robot lawnmower.

- **Robot not starting:** Ensure the battery is charged and the robot is correctly placed on the charging station.

Check for any error messages on the robot or in the app.

- **Poor mowing performance:** Inspect blades for sharpness and replace if necessary. Ensure the cutting height is set appropriately for your lawn.
- **Robot getting stuck:** Clear the mowing area of excessive obstacles. The AI Pure Vision system is designed to avoid most obstacles, but extreme conditions or very small, hard-to-detect items can cause issues.
- **Connection issues with app:** Verify your Wi-Fi and Bluetooth connections. Ensure the robot is within range of your Wi-Fi network.
- **Robot not returning to charging station:** Check if the charging station is powered on and clear of obstructions. Ensure the rain sensor is clean and not falsely triggered.

For more complex issues, consult the full user manual or contact SUNTEK customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	SRM2025
Brand	SUNTEK
Dimensions (L x W x H)	56 x 40 x 25 cm
Weight	17.72 kg
Power Source	Battery Powered (20V 2.5Ah)
Material	Alloy Steel, Plastic
Color	Black
Cutting Width	200 mm
Cutting Height Adjustment	30 mm - 60 mm (4 positions)
Operating Mode	Automatic
Max. Slope Capability	35%
Recommended Mowing Area	Up to 250 m ²
Waterproof Rating	IPX5

10. WARRANTY AND SUPPORT

Your SUNTEK SRM2025 Robot Lawnmower comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, spare parts, or warranty claims, please contact SUNTEK customer service through their official website or the contact information provided in your purchase documentation.



