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SUNSEEKER SKRMV3

Sunseeker V3 Wireless Robot Lawn Mower User Manual

Model: SKRMV3 | Brand: SUNSEEKER

1. INTRODUCTION

The Sunseeker V3 Robotic Lawn Mower is designed for smart and effortless lawn care. It provides perfect mowing in one fenced working zone or seamless performance in a single yard, all automated. Featuring AI navigation, 22° slope handling, and advanced obstacle avoidance, the V3 delivers a pristine lawn with minimal effort. Users can set schedules, enable rain detection, and rely on its auto-recharge function for a truly hands-free experience.



Figure 1.1: Sunseeker V3 Wireless Robot Lawn Mower.

2. SETUP

The Sunseeker V3 is engineered for an effortless one-touch start, allowing you to begin mowing in just 3 minutes without complex installations. Simply unbox, place the mower, and initiate the process.

2.1 Initial Placement and Power

- **Unboxing:** Carefully remove the mower and all accessories from the packaging.
- **Charging Station:** Place the charging station on a flat, level surface in an area with good signal reception and access to a power outlet. Ensure there is clear space around the station for the mower to dock easily.
- **Initial Charge:** Connect the mower to the charging station. Allow the mower to fully charge before its first operation.



Figure 2.1: The ReadyGo feature allows for quick setup and immediate mowing via the app.

2.2 Boundary Management and Multi-Zone Navigation

The V3 supports multi-zone navigation using magnetic tags and virtual boundaries with magnetic strips. This allows for seamless transitions between different garden areas and precise control over mowing zones.

- **Magnetic Tags:** Use the provided magnetic tags to define entry and exit points for different mowing zones.
- **Magnetic Strips:** For areas where visual identification is challenging, use magnetic strips to create virtual boundaries, preventing the mower from entering restricted areas.

3. OPERATING INSTRUCTIONS

3.1 One-Click Mowing

After initial setup and charging, simply press the start button on the mower or use the mobile application to begin mowing. The V3 will automatically commence its mowing cycle.

3.2 Vision AI and Obstacle Avoidance

Equipped with the ViSION VI dual-eye system, the V3 can recognize over 160+ obstacles in 3D, ensuring intelligent and safe navigation. It continuously learns from its environment, adapting to new obstacles as your yard changes.



Figure 3.1: Vision AI allows the mower to see and avoid various obstacles in real-time.

3.3 Terrain Adaptation and Cutting Performance

The V3's powerful rear-wheel drive allows it to conquer slopes up to 22° (42% grade) and navigate complex terrains with ease. Vision AI ensures accurate boundary detection for clean edge cutting along concrete and stone paths. It features an 8-inch cutting width and adjustable cutting heights from 1.57 to 3.2 inches.



Figure 3.2: The V3's strong climbing capability handles significant slopes.



Figure 3.3: Details on the floating blade disk, cutting width, and adjustable cutting height.

3.4 Quiet Operation and Pet-Friendly Design

The V3 operates at an ultra-quiet 55dB noise level, making it suitable for use at any time without disturbing your household or pets.



Figure 3.4: The V3 operates quietly, ensuring peace for your lawn and pets.

3.5 Auto Recharge and Rain Detection

The mower automatically returns to its charging station when the battery is low or when rain is detected, ensuring continuous operation and protection from adverse weather.



Figure 3.5: The V3 features IPX5 waterproof rating and automatic rain detection.

3.6 Smart App Control and OTA Upgrades

Manage your lawn care conveniently with the intuitive mobile app. Schedule mowing times, adjust settings, and receive Over-the-

Air (OTA) upgrades to keep your mower up-to-date.



Figure 3.6: Control your Sunseeker V3 and schedule mowing via the dedicated app.

3.7 Official Product Video

Video 3.1: Official overview of the SUNSEEKER V3 Wireless Robot Lawn Mower, demonstrating its features and capabilities.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Sunseeker V3.

4.1 Cleaning

- **Exterior:** Wipe down the exterior of the mower with a damp cloth to remove grass clippings and dirt.
- **Undercarriage:** Periodically clean the undercarriage and cutting deck to prevent buildup that can affect cutting performance. The IPX5 waterproof rating allows for easy cleaning with a hose, but avoid direct high-pressure sprays on sensitive components.

4.2 Blade Care

- **Inspection:** Regularly inspect the blades for sharpness and damage. Dull or damaged blades can lead to uneven cutting and strain on the motor.
- **Replacement:** Replace blades as needed. Refer to the product packaging or the official Sunseeker website for compatible replacement blades and instructions.

4.3 Storage

- **Off-Season:** During extended periods of non-use, store the mower in a dry, protected area. Ensure the battery is fully charged before storage and periodically recharge it to maintain battery health.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Sunseeker V3.

5.1 Mower Not Starting/Charging

- **Power Connection:** Ensure the charging station is properly connected to a power outlet and the mower is correctly docked.
- **Battery Level:** Check the battery indicator on the mower or in the app. Allow sufficient time for charging.
- **Safety Switch:** Verify that any safety switches or emergency stop buttons are disengaged.

5.2 Uneven Mowing or Missed Spots

- **Blade Condition:** Inspect blades for sharpness and damage. Replace if necessary.
- **Cutting Height:** Adjust the cutting height to suit your lawn conditions.
- **Obstacles:** Ensure there are no persistent obstacles preventing the mower from reaching certain areas.

5.3 Mower Getting Stuck or Navigating Poorly

- **Clear Path:** Remove any large debris, toys, or loose items from the mowing area.
- **Boundary Issues:** Re-evaluate the placement of magnetic strips or tags if the mower is crossing intended boundaries or getting stuck at edges.
- **Terrain:** While the V3 handles slopes, extreme unevenness or very soft ground can impede movement.

5.4 App Connectivity Issues

- **Bluetooth/Wi-Fi:** Ensure your mobile device's Bluetooth and Wi-Fi are enabled and the mower is within range.
- **App Update:** Check for available updates for the Sunseeker app.
- **Restart:** Try restarting both the mower and your mobile device.

6. SPECIFICATIONS

Feature	Specification
Brand	SUNSEEKER
Model Number	SKRMV3
Power Source	Battery Powered (1 Lithium Ion battery included)
Material	Polypropylene, Plastic
Color	Silver Gray
Item Weight	20.3 Pounds
Cutting Width	8 Inches
Adjustable Cutting Height	1.57 - 3.2 Inches
Operation Mode	Automatic
Product Dimensions	24"D x 14.6"W x 9.45"H
Slope Handling	Up to 22° (42% grade)
Noise Level	55dB (Ultra-quiet)
Waterproof Rating	IPX5

7. WARRANTY AND SUPPORT

Sunseeker is committed to providing excellent customer service and support for your V3 Robotic Lawn Mower.

7.1 Warranty Information

The Sunseeker V3 comes with a 3-year support period, ensuring long-term peace of mind. Please refer to your purchase documentation for specific warranty terms and conditions.

3-Year Support & 55dB Low Noise



About Us

With 15+ years of expertise, Sunseeker makes lawn care smarter and easier—so you get better results and more time to enjoy life.



Figure 7.1: The Sunseeker V3 includes 3-year support.

7.2 Customer Support

For any questions, troubleshooting assistance, or technical support, please contact Sunseeker's customer service. Our local service team is ready to provide expert advice and guidance.

- Contact Information:** Refer to the contact details provided in your product packaging or on the official SUNSEEKER website.
- Online Resources:** Visit the SUNSEEKER website for FAQs, video tutorials, and additional support materials.

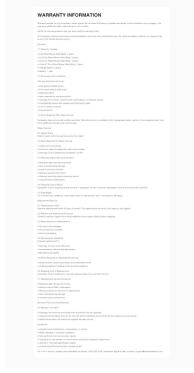
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Related Documents - SKRMV3



[Sunseeker X5 Robotic Lawn Mower Instruction Manual](#)

This manual provides comprehensive instructions for the Sunseeker X5 robotic lawn mower, covering safety regulations, installation, daily operation, maintenance, and troubleshooting. Learn how to set up and use your Sunseeker X5 for efficient and high-quality lawn maintenance.

	<p><u>Sunseeker X3 Robotic Lawn Mower Instruction Manual</u></p> <p>Official instruction manual for the Sunseeker X3 robotic lawn mower. Covers safety, installation, operation, maintenance, and troubleshooting for automated lawn care.</p>
	<p><u>Sunseeker Product Warranty Information and Policy</u></p> <p>Detailed warranty information for Sunseeker robot lawn mowers and smart devices, covering warranty timelines, exclusions, repair, and replacement services.</p>
	<p><u>Sunseeker PLATFORM V Robotic Lawn Mower Instruction Manual</u></p> <p>This comprehensive instruction manual guides users through the safe installation, operation, and maintenance of the Sunseeker PLATFORM V robotic lawn mower, including models V3 and V3 Plus. Learn about safety features, setup, daily use, troubleshooting, and specifications.</p>
	<p><u>Sunseeker X35 Robotic Lawn Mower User Manual</u></p> <p>Comprehensive user manual for the Sunseeker X35 robotic lawn mower, covering setup, operation, maintenance, troubleshooting, and app usage. Includes detailed instructions for Wi-Fi connection, base station pairing, app features, mapping, obstacle avoidance, and care.</p>
	<p><u>Sunseeker Orion X7 Robotic Lawn Mower Quickstart Guide</u></p> <p>Quickstart guide for the Sunseeker Orion X7 robotic lawn mower, covering unboxing, app setup, Wi-Fi connection, RTK base station setup, and initial mapping. Includes installation tips and component identification.</p>