roborock

Roborock

Smart technology. Simple lawn care.

2026

Roborock: From Indoor Mastery to Outdoor Innovation

As the creator of the world's No.1 best-selling robot vacuum brand, Roborock is dedicated to transforming daily chores through intelligent technology. We bring this same legacy of innovation, precision, and reliable performance from your living room to your garden.

Our robotic mower is engineered with the advanced expertise that defines us: cm-precise RTK navigation, AI-powered obstacle recognition, and seamless smart home integration. It works quietly and autonomously to deliver a perfectly cut lawn, giving you more time to enjoy the space you love.

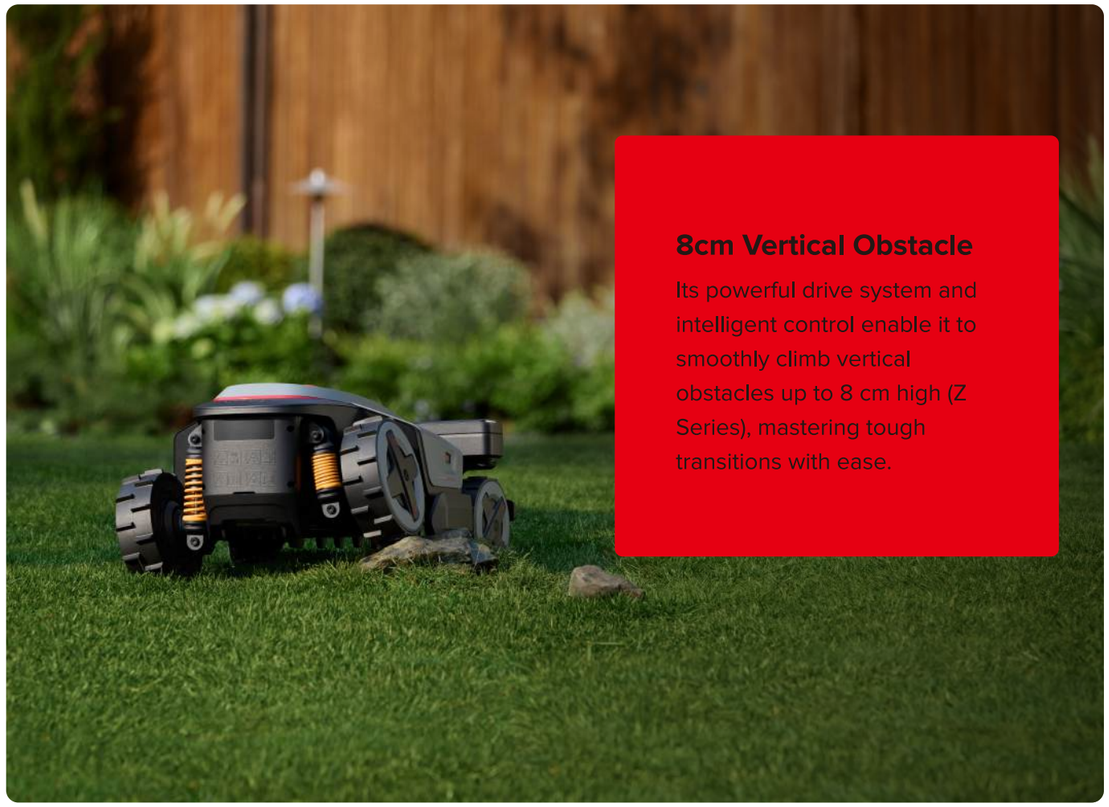
We build technology that works effortlessly, so you can live effortlessly—indoors and out. Welcome to the future of lawn care, powered by Roborock.

Confident Performance. Flawless Results.

Our legacy of reliable, smart technology doesn't stop at your doorstep. We engineered the Roborock robotic mower to confidently conquer your garden's challenges, turning uneven ground, obstacles, and slopes into a seamlessly manicured lawn.

80% Slope Capability

Be able to tackle slopes up to 80% or 39° with confidence (Z Series), thanks to its precision-engineered climbing technology.



8cm Vertical Obstacle

Its powerful drive system and intelligent control enable it to smoothly climb vertical obstacles up to 8 cm high (Z Series), mastering tough transitions with ease.

Floating Cutting Deck

Its powerful drive system and intelligent control enable it to smoothly climb vertical obstacles up to 8 cm high (Z Series), mastering tough transitions with ease.

Industry’s Closest-to-Edge Cutting

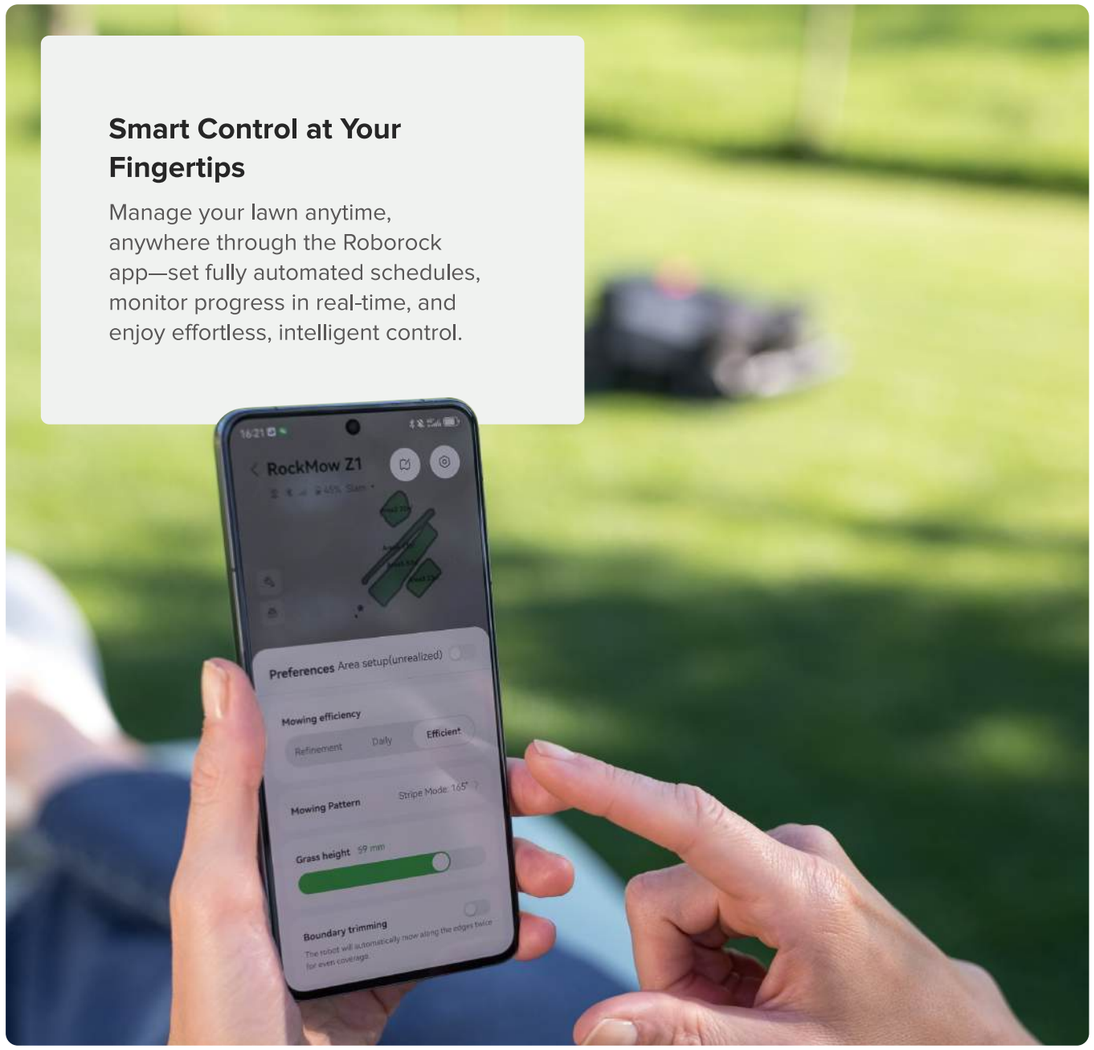
The fully automated PreciEdge cutting module reaches just 3 cm from boundaries, minimizing manual trimming and delivering a near-perfect finish.

Designed for Effortless Control.

From intelligent cleaning to intuitive lawn care, Roborock brings seamless control and effortless automation to your garden. Our robotic mower is designed for ultimate ease of use, delivering reliable, smart operation that fits perfectly into your lifestyle.

AI Vision & Autonomous Mapping:

Our robotic mower sees and understands your lawn like never before. Its advanced AI stereo vision system not only detects and avoids obstacles with high precision in real-time, but also intelligently maps your entire garden—automatically creating boundaries without any wires. From the first run, it navigates with precision, handles complex edges dynamically, and delivers complete, gap-free coverage, turning lawn care into a truly effortless experience.



Smart Control at Your Fingertips

Manage your lawn anytime, anywhere through the Roborock app—set fully automated schedules, monitor progress in real-time, and enjoy effortless, intelligent control.

Seamless Smart Home Integration

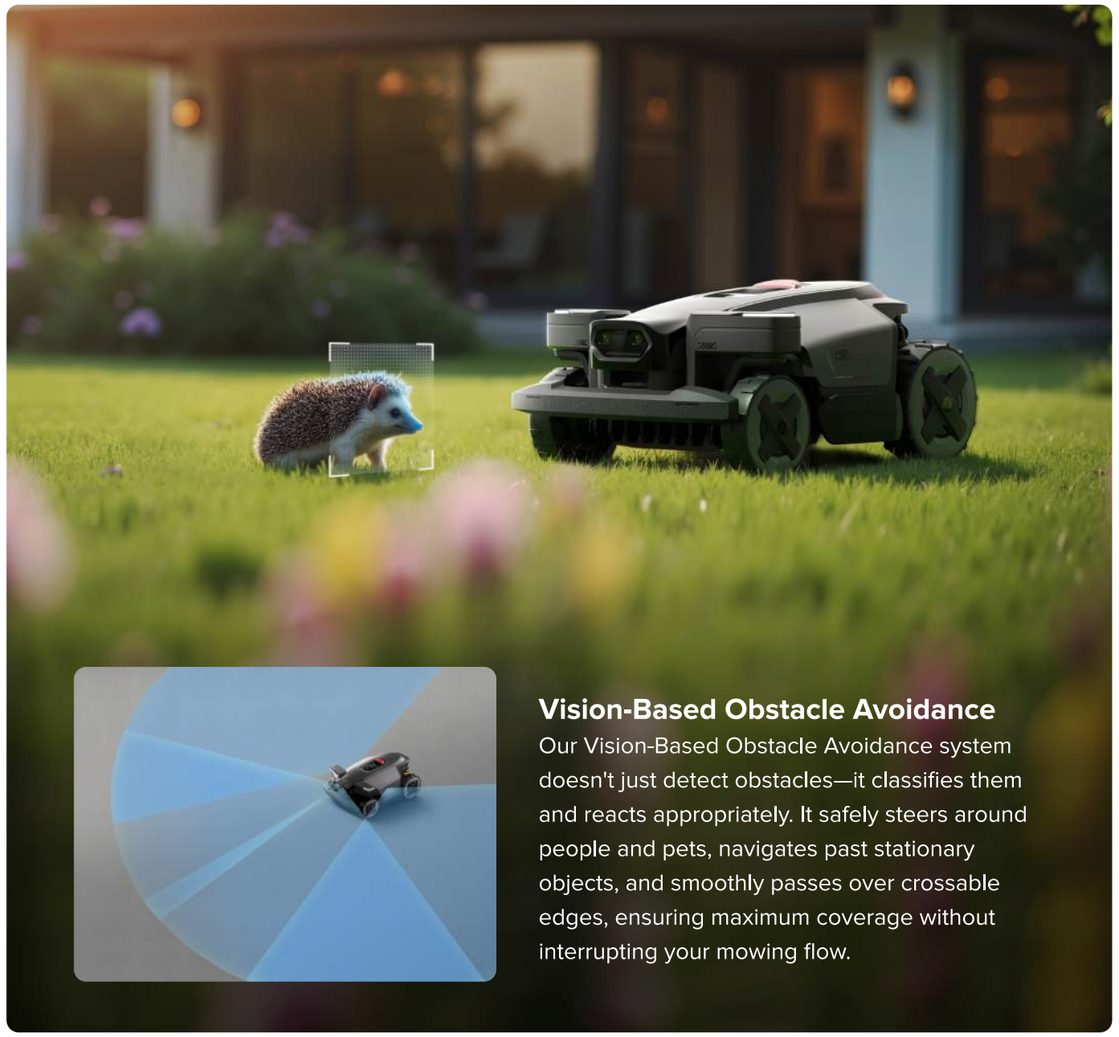
Enjoy hands-free voice control through full compatibility with Alexa/Google Home, allowing you to command your mower effortlessly within your connected smart ecosystem.

IPX6 Waterproof Level

With an IPX6 waterproof rating, it withstands heavy rain and allows for easy cleaning with direct water rinse, ensuring durability and hassle-free maintenance in all conditions.

Intelligent Safety Shield.

True freedom in your garden comes from complete peace of mind. That is why we have built an intelligent, multi-sensory safety ecosystem into our robotic mower—so it always knows, reacts, and protects.



Vision-Based Obstacle Avoidance

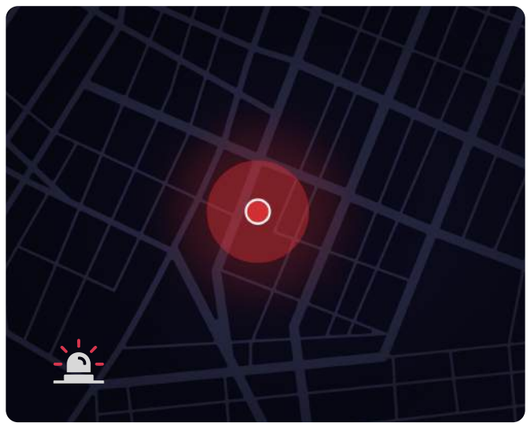
Our Vision-Based Obstacle Avoidance system doesn't just detect obstacles—it classifies them and reacts appropriately. It safely steers around people and pets, navigates past stationary objects, and smoothly passes over crossable edges, ensuring maximum coverage without interrupting your mowing flow.

Lift & Tilt & Bumper Sensor

Engineered for absolute safety, an integrated sensor instantly halts the mower's blades the moment it is lifted or tilted. This immediate stop mechanism prevents any accidental contact. A responsive bumper forms the first line of physical defense. Upon gentle contact with an unexpected object, it triggers an immediate stop-and-reverse action.

Rain & Frozen Sensor

Equipped with intelligent weather detection, the mower actively monitors atmospheric conditions. When rain begins or temperatures approach freezing, it automatically pauses work and returns to its charging station.



Anti-Theft Protection System

Protected by a multi-layer anti-theft system, your mower is always secure. A loud alarm triggers upon unauthorized movement, while real-time 4G tracking and remote app alerts let you monitor its location at all times, backed by PIN code locking and AirTag compatibility for ultimate peace of mind.

The Future of Lawn Care

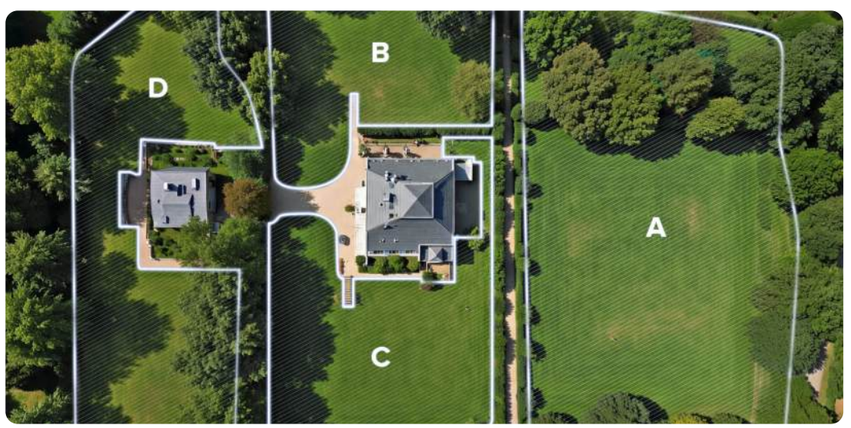
No boundary wires

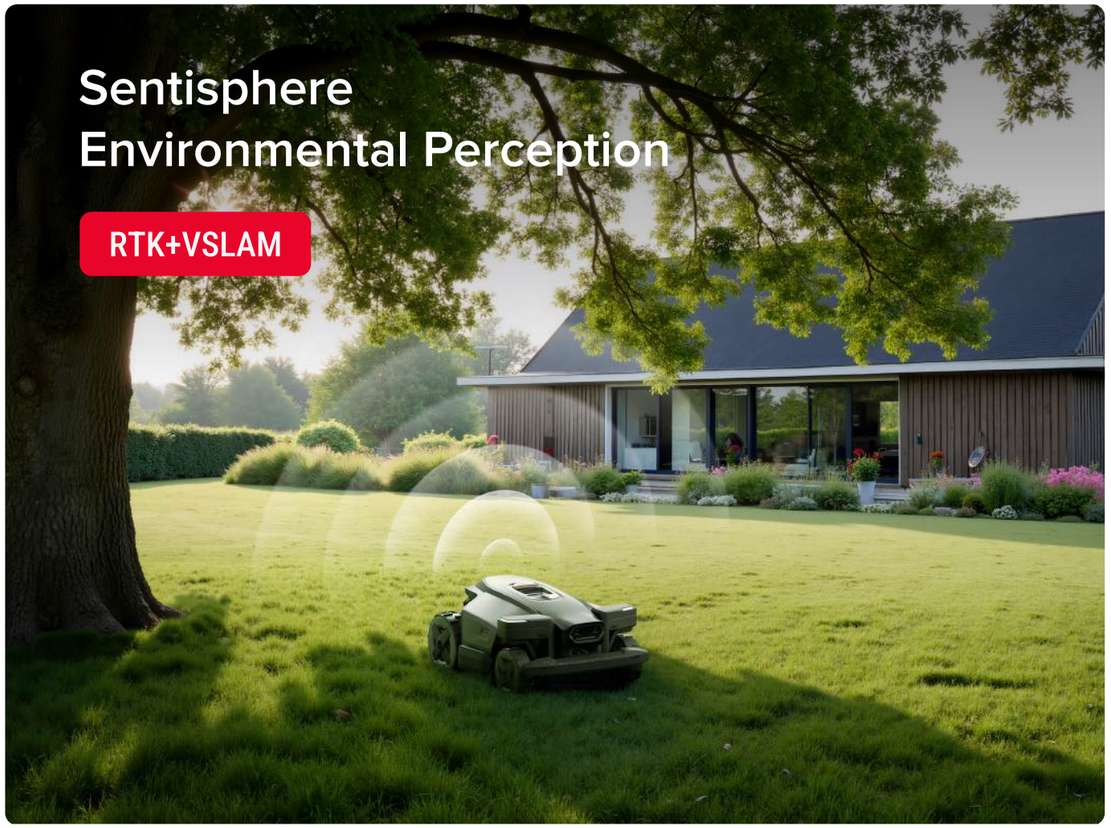
Multi-zone management

Automatic mapping

Custom pattern mowing

At Roborock, we believe cutting-edge technology should simplify, not complicate. We have eliminated the physical boundary wire entirely, replacing it with a suite of intelligent systems that give you more control with less effort. Our robotic mower doesn't just navigate—it understands, plans, and personalizes, transforming your entire lawn care routine.





Sentisphere Environmental Perception combines full-band RTK positioning with advanced VSLAM technology to deliver precise and stable navigation across the entire garden. In open areas, the mower primarily relies on RTK for centimeter-level positioning and accurate path planning.

When satellite signals are temporarily weakened—such as under tree canopies or in narrow passages between walls—VSLAM seamlessly takes over to maintain reliable navigation. This hybrid perception system ensures smooth, uninterrupted operation in every part of the lawn, enabling consistent mowing performance without pauses or downtime.

Sentisphere LiDAR Environmental Perception integrates a 360° 3D LiDAR system with dual-camera vision sensing to deliver comprehensive, real-time environmental awareness. By continuously scanning the surroundings, the system generates high-density 3D point cloud data to reconstruct an accurate three-dimensional map of the garden, enabling centimeter-level positioning precision.

With full 360° horizontal coverage and an extended detection range of up to 70 meters, this perception system offers superior stability and reliability—especially in large, open lawns with fewer visual reference points—ensuring consistent navigation performance even in the most challenging environments.

Intelligent Technology for Rocking Life with You

Z Series

Any Lawn. Any Challenge.

Ultimate Terrain Capability

Conquer steep landscapes with 4WD, dynamic suspension system, and an industry-leading 80% slope gradeability.

High-Efficiency Performance

Maximize coverage with Zero-Turn agility, designed to handle large-scale areas with precision and speed.

Safety Without Compromise

Advanced dual-side vision cameras provide 360° awareness for intelligent obstacle avoidance and peace of mind.

Pro-Grade Cutting Power

A high-torque motor and 6-blade system with a protective blade guard deliver a clean, powerful cut every time.

Smart Lawn Management

Total control at your fingertips: precision height adjustment, custom mowing patterns, and multi-zone scheduling.

S Series

Expert Result. Effortless Experience.

Blade Guard Design

A high-torque motor and 6-blade system with a protective blade guard deliver a clean, powerful cut every time.

Precision Height Adjustment

Total control at your fingertips: precision height adjustment, custom mowing patterns, and multi-zone scheduling.

Ring Light Indicator

Intuitive visual status updates at a glance for effortless monitoring.

Standard Edge-Mowing Kit

Includes a dedicated boundary attachment for clean, professional edges every time.

Q Series

Lawn Care, Simplified.

AI-Powered Smart Mapping

AI Maps. You Relax.

Sentisphere Environmental Perception

Precision in Motion.
Coverage Within Reach.

Adaptive Terrain Traversal System

Moves seamlessly across diverse terrains.

Roborock APP

Manage Every Detail of Your Lawn from One Smart Interface

Download Roborock App

The Roborock App is your central hub for effortless lawn care. It combines intelligent automation with deep customization, offering one-tap smart scheduling tailored to your grass type or the ability to manually design precise mowing plans by zone, time, and pattern. Monitor real-time progress and adjust settings from anywhere, putting complete control and peace of mind in the palm of your hand.

○ Optional ● Standard

	Product Name	RockNeo	RockMow
	Model	**Q105**	**S115**
	Key Technology	RTK + Vslam	RTK + Vslam
Performance	Area(m^2)	500	1500
	Cutting efficiency (incl. charging time) Max Speed	65m^2/h	125m^2/h
	Battery Size	4Ah	6Ah
	Charger Current	2A	4A
	Mowing Time(Full Charging)	≈95min	≈140min
	Charging Time(min)	≈110min	≈65min
	Blade Number(Pcs)	3 Normal Blades	3 Normal Blades
	Drive Mode	RWD(Rear-wheel Drive)	RWD(Rear-wheel Drive)
	Climbing Ability(%)	45%	45%
	Vertical Obstacle Ability(cm) incl. the cut to edge module	4cm	4cm
	Vertical Obstacle Ability(cm) excl. the cut to edge module	4cm	4cm
	Cutting Width(cm)	22cm	22cm
	Cutting Height(mm)	20-60mm	20-60mm
	Electric Cutting Height Adjustment	—	●
	Noise（dB(A)）	59dB(A)	60dB(A)
	Floating Deck	●	●
	Sliding Disc	—	●
Easy to use	Wire Free	●	●
	AI Auto Mapping	●	●
	Connectivities	Wifi / BLE / 4G(Optional)	Wifi / BLE / 4G(Optional)
	Smart Home	Alexa / Google home	Alexa / Google home
	IP Grade	IPX6	IPX6
Intelligence	Multizone	Y（Up to 15）	Y（Up to 15）
	Night Mowing	●	●
	Pattern Cutting	—	●
	Rain & Frozen Sensor	●	●
	Hedgedog Protection	●	●
	Cut To Edge Module	○	●
Data	Product Dimension（mm）	625 x 420 x 270	625 x 420 x 270
	Net Weight(kg)	12.2kg	13.6kg

○ Optional ● Standard

	Product Name	RockMow	RockMow	RockMow	RockMow
	Model	**Z115**	**Z130**	**Z150**	**Z120 LiDAR**
	Key Technology	RTK + Vslam	RTK + Vslam	RTK + Vslam	LiDAR+ Vslam
Performance	Area(m^2)	1500	3000	5000	2000
	Cutting efficiency (incl. charging time) Max Speed	140m^2/h	160m^2/h	250m^2/h	160m^2/h
	Battery Size	6Ah	7.5Ah	10Ah	6Ah
	Charger Current	4A	5A	7A	5A
	Mowing Time(Full Charging)	≈80min	≈95min	≈130min	≈80min
	Charging Time(min)	≈65min	≈70min	≈70min	≈50min
	Blade Number(Pcs)	6 Long Life Blades	6 Long Life Blades	6 Long Life Blades	6 Long Life Blades
	Drive Mode	4WD (4 wheels Drive)	4WD (4 wheels Drive)	4WD (4 wheels Drive)	4WD (4 wheels Drive)
	Climbing Ability(%)	80%	80%	80%	80%
	Vertical Obstacle Ability(cm) incl. the cut to edge module	5cm	5cm	5cm	5cm
	Vertical Obstacle Ability(cm) excl. the cut to edge module	8cm	8cm	8cm	8cm
	Cutting Width(cm)	24cm	24cm	24cm	24cm
	Cutting Height(mm)	20-70mm	20-70mm	20-70mm	20-70mm
	Electric Cutting Height Adjustment	●	●	●	●
	Noise（dB(A)）	61dB(A)	61dB(A)	63dB(A)	62dB(A)
	Floating Deck	●	●	●	●
	Sliding Disc	●	●	●	●
Easy to use	Wire Free	●	●	●	●
	AI Auto Mapping	●	●	●	●
	Connectivities	Wifi / BLE / 4G(3 years)	Wifi / BLE / 4G(3 years)	Wifi / BLE / 4G(3 years)	Wifi / BLE / 4G(3 years)
	Smart Home	Alexa / Google home	Alexa / Google home	Alexa / Google home	Alexa / Google home
	IP Grade	IPX6	IPX6	IPX6	IPX6
Intelligence	Multizone	15	15	15	15
	Night Mowing	●	●	●	●
	Pattern Cutting	●	●	●	●
	Rain & Frozen Sensor	●	●	●	●
	Hedgedog Protection	●	●	●	●
	Cut To Edge Module	○	○	○	○
Data	Product Dimension（mm）	661 x 475 x 294 mm	661 x 475 x 294 mm	661 x 475 x 294 mm	661 x 475 x 332mm
	Net Weight(kg)	21.2kg	21.3kg	21.5kg	21.7kg

Accessories

Garage

Garage(Glossy Version)

Blades

Endurance Blades

4G and Anti-Theft Module

RTK Wall Mount Kit

Rough Terrian Wheels for 2WD

Rough Terrian Wheels for 4WD

RTK Extension Cable

Extension Cable for Battery Charger

PreciEdge Module for 4WD-L

PreciEdge Module for 2WD

Adaptor for RTK

Roborock Service

Committed Support for Every Step of Your Journey.

Your peace of mind extends beyond the mow with our dedicated service ecosystem. Each Roborock robotic mower is backed by an official warranty for reliable long-term performance. Access real-time assistance through our online customer support, receive expert guidance for setup and seasonal care, and benefit from integrated remote diagnostics — ensuring that help is always just a tap away, season after season.

Product Components	RockNeo Q105 / RockNeo Q110	RockMow S108 / RockMow S115	RockMow Z115 / RockMow Z130 / RockMow Z150	RockMow Z120 LiDAR
Main Unit (Wheel Hub Motor, PCBA, Charging Station, etc.)	2 years	3 years	3 years	3 years
Battery	2 years	2 years	2 years	2 years

Product accessories warranty

The warranty period for the following product accessories:
Garage, 4G and Anti-Theft Module, RTK Wall Mount Kit, Adaptor for RTK, Rough Terrain Wheels,

RTK Extension Cable, Extension Cable for Battery Charger, and PreciEdge Module — is two years. Blades are excluded from this warranty.

One Home.
One Intelligence

https://garden.roborock.com/

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The manufacturer reserves the right to make changes to the product, and update the product specifications at any time. Please visit **garden.roborock.com** for more information.