

Product Specification



Model Name	V600	V1000
Color	White	Grey
Recommended Lawn Size	600 m ²	1200 m ²
Mowing Area Per Charge	130-250 m ²	160-300 m ²
Cutting Height	25-75 mm	25-75 mm
Cutting Width	203 mm	203 mm
AI Navigation System	TerraVision™ 2.0	TerraVision™ 2.0
Connectivity	Wi-Fi / 4G / Bluetooth	Wi-Fi / 4G / Bluetooth
AI Obstacle Avoidance	YES	YES
Electric Blade Disc Lifting	YES	YES
Rain Detection	YES	YES
Auto Recharging	YES	YES
OTA Update	YES	YES
Battery Capacity	3.8 Ah/84.36 Wh	4.5 Ah/98.55 Wh
Charging Time	100 min	120 min
Duration Per Charge	120 min	150 min
Waterproof	IPX6	IPX6
Noise Level	< 54 dB	< 54 dB
Operating Temperature	0-50°C	0-55°C
Max Operating Slope	32.5%(18°)	32.5%(18°)
Robot Weight	11.8 kg	11.8 kg
Robot Dimensions	60.2 x 39.4 x 33.1 cm	60.2 x 39.4 x 33.1 cm

Smart AI, Perfect Lawn.

Contact us

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TERRAMOW

TerraMow V Series

Wire-Free. Vision-Powered. Hassle-Free.

Introducing the V Series

The V series is our all-in-one wire free mower, built for the modern home. Forget about burying wires or installing tall RTK antennas. With one-click auto mapping, it's ready to go in minutes. It handles complex gardens on its own, giving you a perfect lawn without any hard work.



TerraVision™ 2.0: Automotive AI Navigation

The V Series features our self-developed triple-camera array, a system that generates 198X more 3D point cloud data than solid LiDAR to achieve "human-eye" precision. This technology allows for fully autonomous mowing and superior obstacle avoidance in signal-blind spots, ensuring a worry-free lawn care experience.



No Wires
No Antenna



No Signal
Issue



5-Minute
Wire-Free Setup



Hands-Free
Auto Mapping



Centimeter-Level
Obstacle Avoidance



Automotive-Grade
AI Navigation



5-Minute Wire-Free Setup

Skip the hassle of installing complex RTK antennas or boundary wires. The V series robots work right out of the box in minutes with zero extra hardware.



Centimeter-Level Obstacle Avoidance

Automotive-grade AI cameras detect obstacles as small as 5cm in real-time. With 3D perception far superior to LiDAR, V series robots ensures safer and smarter navigation.



Master Every Complex Garden

Seamlessly navigate shaded zones, narrow passages, and areas where GPS-based mowers lose signal. Its AI vision adapts to any intricate layout in real-time.



Edge-to-Edge Perfection

Get a clean, professional finish on every border. You can easily tailor the cutting offset ±15cm for different sections of your garden.



One-Click Auto Mapping

Our one-tap AI mapping will scan boundaries with pixel-level precision. The AI auto-updates the map to adapt to every garden change for a truly hands-off experience.



Spot Mode™ Shortcut

Drop and mow anywhere in few seconds without any setup.



APP Smart Control

Manage all functions, maps, and OTA updates effortlessly.



Electric Blade Disc Lifting

