MOVA

MOVE AHEAD



LiDAX Ultra 3000 AWD

Beyond Terrain, Defined by Deeper Insight

NO WIRE/RTK

EASY INSTALLATION

Ranked NO.1 Globally by Sales Volume of LiDAR Robotic Lawn Mowers

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3-Year Warranty*
Reliable Quality

*Please refer to the MOVA official website for warranty details. Some models & parts may not be applicable.



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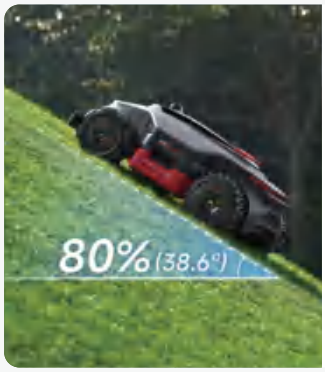
Embrace the MOVA LiDAX Ultra 3000 AWD with UltraView™ 3.0 system—no wires and RTK-free AI-assisted auto-mapping[1] via 360° 3D LiDAR and AI Dual Vision. Driven by a 36V battery, it moves powerfully with 4WD hub motors, climbing 80% slopes and 2.4" vertical obstacles, and mows efficiently with 15.8" wide dual discs. Its UltraTrim™ 2.0 system delivers grass width retained within 1.2" precision. Enjoy easy control via our app: mowing height, patterns, pet-modes, zones, etc. Further functions like anti-theft and easy clean, makes it a top-notch intelligent companion for every mowing task.

Key Features



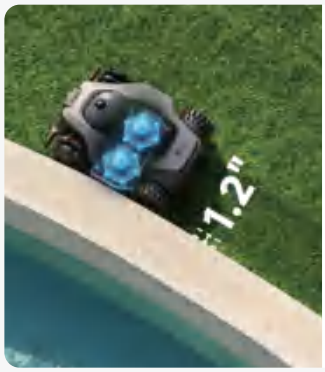
UltraView™ 3.0: Precision Detection & Forward Sensing

Wire-free and no RTK stations required, UltraView™ 3.0 combines 360° 3D LiDAR and AI Dual Vision for automated 3D mapping[1], enabling intelligent navigation, stable operation in weak-signal conditions, and precise sensing of complex terrain.



UltraDrive™: 4WD for 80% Slopes & 2.4" Obstacles

With 4 hub motors, suspension, and omni-front wheels, the advanced 4WD system allows the mower to tackle 80% slopes and 2.4" obstacles with ease—ensuring smooth, stable performance across complex terrain.



36V Battery & UltraTrim™ 2.0: Efficient & Clean Mowing

Equipped with a 36V battery-powered 15.8" 6-blade dual-disc, it boosts coverage and efficiency with U-shaped cutting pattern.
UltraTrim™ 2.0 offers 1.2" edge trimming for clean, precise cuts. The 1.2"-3.9" electronic cutting height adds convenience.



Anti-Theft with Built-in GPS & 4G Service for Secure Use

To ensure an ultra-secure experience, GPS, 4G service, and AirTag storage are built in, and allow you to track its location for peace of mind. If moved off the map, the mower will lock, trigger an alarm, and instantly notify you via the app.

Specifications

Robot Lawn Mower Dimensions	29.1" × 20.9" × 12.6"
Robot Lawn Mower Weight	52.0 lbs
Mapping Area	0.75 acre for Single, 1.5 acres for Dual
Boundary Setup Type	Remote Control + AI-Assisted Auto Mapping
Map Views	2D & 3D
Mapping & Navigation	UltraView™ 3.0 (360° 3D LiDAR+AI Dual Vision)
Obstacle Avoidance	360° 3D LiDAR+AI Dual Vision
Multi-Zone Management & Dual-Map	Yes, Up to 150 Zones
Mowing Efficiency	0.2-0.25 acre per charge
Runtime	150-170min per charge
Charging Time	65min (15%-95%)
Drive System	All-Wheel Drive with 4 Hub Motors
Max. Slope Performance	80% (38.6°)
Path Planning	U-Shape
Cutting Height & Width	1.2"–3.9", 15.8"
Edge Retain	UltraTrim™ 2.0: < 1.2"
Cutting Disc	2, 6 blades each
Battery Voltage	36V
Battery Capacity	7.5Ah/243Wh
Garden Security	TrueGuard™ System (Live Video, Live Speaking, Patrol)
4G Service	Free for 3 Years

Features



UltraView™ 3.0: RTK-Free Setup, AI-Assisted Auto Mapping



UltraDrive™ for All-Terrain: Handle 80% Slopes, 2.4" Obstacles



UltraTrim™ 2.0: Edge Grass Width < 1.2"



Dual Discs with 6 Blades each, 1.2"-3.9" Cutting Height



36V Battery & Long Runtime for Mowing Efficiency



AI Detects 300+ Obstacles & Protects Pets



Dual Maps & Up to 150 Managed Zones



Anti-Theft with Smart 4G Service, Lift Alarm & AirTag

What's in the Box



The robot



Charging tower & Baseplate



Power supply



Cleaning brush



Stakes × 8, Hex key



Spare blades and screws × 36

Screwdriver



User manual



Lint-free cloth



Quick start guide

Official Website
https://www.mova.tech

[1] Also known as automated boundary setting, this feature mainly suitable for yards with clearly defined lawn edges. After remotely driving the lawn mower to the edges, users can activate auto-mapping. When the yard environment is complex and the lawn edges are not well-defined, the user can switch to remote control mode to continue mapping.
* All data is based on tests by MOVA Labs. Actual results may vary due to environmental factors and usage conditions. Illustrations in this leaflet are for reference only. Please refer to the actual product.