

	STORM 2000	STORM 5000	STORM 6500
Navigation System			
Navigation & positioning	LDI Technology (3D Lidar + Ai Vision)	LDI Technology (3D Lidar + Ai Vision)	LDI Technology (3D Lidar + Ai Tripple Vision)
Obstacle avoidance	LDI, Bumper	LDI, Bumper	LDI, Bumper
Route planning	U-shaped & Loop-shaped	U-shaped & Loop-shaped	U-shaped & Loop-shaped
Continuous cutting	✓	✓	✓
Multi-zone & No-go Zone management	Yes - Unlimited	Yes - Unlimited	Yes - Unlimited
Laser range capability	30 m	40 m	40 m
Auto-mapping	✗	✗	✓
Map backup	✗	✓	✓
Dual-Zone management	✗	✓	✓
Mowing performance			
Max. mowing size	Up to 2.000 m ²	Up to 5.000 m ²	Up to 6.500 m ²
Mowing area per charge	600 m ²	700 m ²	1000 m ²
Mowing speed range	0,2-0,6 m/s	0,2-0,6 m/s	0,2-0,6 m/s
Mowing height	3-8,5 cm	3-8,5 cm	3-8,5 cm
Mowing width	14-28 cm	14-28 cm	14-28 cm
Max. slope	24° (45%)	24° (45%)	24° (45%)

Number of blades	5	5	5
Narrowest passage	≥77cm	≥77cm	≥77cm
Drive method	Front-wheel drive	Front-wheel drive	Front-wheel drive
Network Control			
Connectivity	WiFi / 4G / Bluetooth	WiFi / 4G / Bluetooth	WiFi / 4G / Bluetooth
Power system			
Battery	Lithium 18V, 13Ah	Lithium 18V, 13Ah	Lithium 18V, 17,5Ah
Charging time	180 min	180 min	220 min
Mowing time	120 min	120 min	180 min
Auto-recharge	✓	✓	✓
Safety system			
Tilt sensing	✓	✓	✓
Flip sensing	✓	✓	✓
Rain detection	✓	✓	✓
Waterproof level	IPX6	IPX6	IPX6
Product information			
Robot dimensions	730*508*338 mm	730*508*338 mm	730*508*338 mm
Net weight	17 kg	17 kg	18 kg
Noise level	58 dB	58 dB	58 dB

Software & firmware launch	By OTA and app stores	By OTA and app stores	By OTA and app stores
Package content	<p style="text-align: center;">All 3 models of STORM</p> <ul style="list-style-type: none"> 1 x STORM unit 1 x Quick Guide 1 x User Manual 1 x Warranty Card 1 x Cleaning Kit 4 x Charging Station Tape 1 x Hex Key 1 x Charging Station with the extension board 1 x Adapter 16 x Charging Station Pegs 1 x Laser Protector Kit 		

