



Kunshan Lantuo Intelligent Robot Co., Ltd

Declaration about Identity of Products

Suzhou Lantuo Technology Co.,Ltd hereby solemnly declares:

FCC ID: 2BTDL-S1ULTRAS1PRO

IC: 34692-S1

The Intelligent Lawn Mower produced by our company, the power supply, electrical principle, PCB layout and electrical structure used in Model S1 Pro and model S1 Ultra are the same, but the battery pack capacity is different.

Specifications	BladeMate S1 Pro	BladeMate S1 Ultra
Recommended Mowing Area	1000m ²	1600m ²
Mowing Area Per Hour	100 - 150m ²	
Positioning System	RTK + 3D Vision	
Obstacle Avoidance	3D AI Vision	
Cutting Width	21 cm	
Cutting Height	30-70 mm	
Cutting Height Adjustment	APP	
Battery	10 Ah	15 Ah
Working Voltage	21.6 V DC	
Mowing Time per Charge	180 min	270 min
Charging Time	120 min	180 min
Max. Slope	45%	
Noise	<60 dB(A)	
Waterproof	IPX6	
Net Weight	12.5 kg	13 kg
IoT Connectivity	Bluetooth & Wi-Fi & 4G	Bluetooth & Wi-Fi & 4G
Virtual Boundary	●	
Systematic Mowing Pattern	●	
Pause & Resume	●	
Automatic Charging	●	
APP Control	●	
Multi-zone Management	●	
Rain Detection	●	
OTA Updates	●	
Battery Charger	Input: 100-120Vac Output: 26Vdc, 3A, 78.9W	
Robotic Mower Dimensions	655 × 447 × 285 mm	
Charging Station Dimensions	780 × 494 × 291 mm	

Xiao qiang Liu

Signature & Stamp (签字及盖章):