

 **BIGL**

# SPRAY DISINFECTION ROBOT

**Ultra-Large Water Tank  
with 25L Capacity**

**Four sets of injector heads to  
spray huge mist**

**Autonomous Navigation**

**Built-in Electrolysis Unit**

**2200ml/h Spray Volume Rate**



### Table of Parameters for Spray Disinfection Robot

Basic Product Info	Product Name	Spray Disinfection Robot
	Colour	White
	Materials	ABS + Sheet Metal
	Rated Voltage	24VDC
	Rated Power	200W
Product Performance Parameters	Product size (mm)	560*560*1520mm
	Product Net Weight	45KG
	Water Tank Capacity	25L
	Max Spray Volume	2200ML/H
	Disinfection Efficiency	About 50m <sup>2</sup> /min
	Maximum Operating Noise	≤60DB
Power Supply	Battery	LFP battery
	Battery Capacity	24V/40Ah
	Charging time	2-3 H (Charging station)
	Life Cycle	80% after 300 charging cycle
	Max Charging Voltage	29.2V
	Battery life	5~6H
Driving Wheel	Dimensions (wheel diameter*width mm)	160*45
	Material	SBR
	Power	<b>200W</b>
	Max Speed	180r/min
	Max Torque	4.7NM
Performance	Max Load	50KG
	Max Speed	1.5M/s
	Navigation Accuracy	±30mm
	Direction	360° Rotation
Safety Protection	Emergency Stop Button	Emergency Stop
	Ultrasonic device	5 pcs, located at the front and back of the case
	Indicator Light	Operating Status Indication
	Voice broadcast	Obstacle Avoidance Broadcast
	Remote Control	Remote control module for start/stop
Navigation	Navigation Mode	SLAM Navigation
	Route planning	Auto planning / manually assigned route planning
	Navigation Sensor	TOF Lidar (20m)
Communication	Network	2.4G/5G WiFi
	Configuration Port	Ethernet RJ45
	USB	USB2.0
Environment	Ambient temperature	0°C~45°C
	Operating environment	For indoor use only (no dust/corrosive gas)
	Protection level	IP20
	Floor COF Rating	≥0.5
	Ground requirement	Concrete flat ground (NO water/oil/dust)
Ground conditions	Vertical over-obstacle capacity	5mm
	Gap-crossing capacity	10mm
	Max climbing angle	5°