

Model No.: A026		
Structural & Weight	Dimension	1300mm*850mm*820mm
	Weight	450kg
	Payload	1000kg
	Drive&Steer Form	4 Wheel Drive, 4 Wheel Steer
	Main Materials	Q235A
	Ground Clearance	≥270mm (Tire assembly ground clearance: 130 mm)
	Tire Material	Rubber
	Tire Diameter	420mm
	Tire Width	100mm
Specs	Drive Motor	1000W*4
	Steer Motor	400W*4
	Noise Level	<80dB (Estimated data. Customized motors need to be tested actually after production.)
	Braking	Motor Electromagnetic Brake
	Parking	Motor Electromagnetic Parking
	Indicator Lights	Red, Yellow, Green, 3 Colors. (Navigation changes state via CAN, and when there is no signal from the upper PC, the VCU takes control.)
	Battery	48V 125Ah
	Ultrasound Sensors	4 pcs(Installation Position TBD)
	Charging Method	Wired/Wireless Charging
Safety Measures	Emergency Stop Switch	√
	Command Verification	√
	Heartbeat Protection	√
	Current Protection	√
	Temperature Protection	√
	Battery Management System	√
	Soft Stop Feature	√
VCU Configuration	Main Frequency	168MHz
	Communication Interface 1	CAN I/O
	Protocol	CAN2.0B
	Remote Control Distance	100M
Performance Parameters	Max. Longitudinal Speed	2m/s
	Max. Lateral Speed	2m/s
	Min. Turning Radius	0
	Climbing Ability	≤10°(Full Load)
	Obstacle Overcome Capacity	100mm(Full Load)
	IP Rating	IP65
	Working Temperature	-10°C~50°C