


**Technical Specification:**

FW-max		
Mechanical Specifications	Dimension(L*W*H)	960*550*394mm
	Weight	100kg
	Drive form	4 wheels swerve steering and 2 motors drive
	Structure material	Aluminum alloy
	Ground clearance	120mm
	Wheel base	600mm
	Wheel track	450mm
	Tire diameter	10 inches/250mm
Basic Information	Motor power	600W*2 Servo motor
	Battery	48V/27AH lithium battery
	Charging time	3-4h
	Charging mode	48V/10A manual charging by charger
	Battery output power for external devices	48V/10A-24V/15A-12V/15A
	Braking	Motor brake
	Parking	electromagnetic power-off parking
Security Setting	Emergency stop	√
	Instruction verification	√
	Heartbeat protection	√
	Current protection	√
	Temperature protection	√
VCU Information	CPU basic frequency	168MHz
	Interface	CAN interface
	Communication module	CAN2.0B
	Kinematic analysis	√
	Remote control distance	100M
Performance	Payload	150kg
	Max speed	0-5.4km/h
	Mileage	25km
	Turning radius	0m
	Wading depth	50mm
	Climbing capacity	10°(full load)
	Span width	120mm(full load)
	Obstacle surmounting height	40mm(full load)
	IP Rating	IP44
	Working temperature	-20°C~50°C