


Technical Specification:

FW-mid		
Mechanical Specifications	Dimension(L*W*H)	680*550*437mm
	Weight	68kg
	Drive form	4 Wheels Swerve Steering and Motor Drive
	Structure material	Aluminum Alloy
	Ground clearance	90mm
	Wheel base	400mm
	Wheel track	420mm
	Tire diameter	240mm
Basic Information	Motor power	350W*4 Servo Motor
	Battery power	Lithium battery 48V/20AH, with BMS
	Charging time	3-4h
	Charging mode	48V/5A manually charger
	Battery output power for external devices	24V-10A/12V-15A
	Braking	Motor Braking
	Parking	Motor Parking
Security Setting	Emergency stop	√
	Instruction verification	√
	Heartbeat protection	√
	Current protection	√
	Temperature protection	√
VCU Information	CPU basic frequency	168MHz
	Interface	CAN Interface
	Communication module	CAN 2.0B
	Kinematic analysis	√
	Remote control distance	100m
Performance	Payload	50kg
	Max speed	0-5.4km/h
	Mileage	40km
	Turning radius	0m
	Wading depth	100mm
	Climbing capacity	15° with load
	Obstacle surmounting height	50mm(full load)
	Span width	120mm
	IP Rating	IP33
	Working temperature	-20°C~50°C