


Technical Specification:

FW-mini		
Mechanical Specifications	Dimension(L*W*H)	495*360*320mm
	Weight	32kg
	Drive form	4 wheels swerve steering and 4 wheels motor drive
	Structure material	Aluminum Alloy
	Ground clearance	170mm
	Wheel base	350mm
	Wheel track	250mm
	Tire diameter	140mm
Basic Information	Motor power	100W*4 Servo Motor
	Battery power	Lithium battery 24V/20AH, with BMS
	Charging time	4-5h
	Charging mode	24V/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	30kg
	Max speed	0-3.6km/h
	Mileage	30km
	Turning radius	0m
	Wading depth	50mm
	Climbing capacity	15° with load
	Obstacle surmounting height	140mm
	Span width	100mm
	IP Rating	IP55
	Working temperature	-20°C~50°C