


## Technical Specification:

MK-mini		
Mechanical Specifications	Dimensions	840*600*310mm
	Weight	50kg
	Drive form	Front Ackermann steering, rear motor drive
	Material	Q235
	Ground clearance	111mm
	Wheelbase	600mm
	Wheel track	517mm
	Outer diameter of tire	240mm
Basic Information	Motor	350W*2 wheelhub servo motor
	Battery	Lithium battery 48V/12AH, with BMS
	Charging time	≤4h
	Charging mode	48V/5A manually charger
	Battery output power for external devices	48V/10A-24V/15A-12V/15A
	Braking	Electric motor braking
	Parking	Electric motor parking
	Indicator	√
	Alarm light	√
Security Setting	Emergency stop	√
	Instruction verification	√
	Heartbeat protection	√
	Current protection	√
	Temperature protection	√
VCU Information	Basic Frequency	168MHz
	Hardware floating-point acceleration	√
	Interface	CAN Interface
	Communication module	CAN 2.0B
	Kinematic analysis	√
	Remote control distance	100m
Performance	Payload	50kg
	Speed	0-9.7km/h
	Mileage	25km
	Minimum turning radius	1.6m
	Max climbing	15° with load
	Span width	140mm
	Obstacle surmounting height	100mm
	Protection level	IP44
	Working temperature	-20°C~50°C
	Storage temperature	0°C~40°C