


## Technical Specification:

TK-mid		
Mechanical Specifications	Dimensions	1070*700*345mm
	Weight	140kg
	Damping system	Independent shock absorbers*8
	Suspension	Christie suspension
	Structure material	Q235
	Ground clearance	103mm
	Wheelbase(bottom wheels center to center)	570mm
	Wheel track	224mm
Basic Information	Motor	1000W*2 DC brushless motor
	Battery	Lithium battery 48V/40AH, with BMS
	Charging time	4h-5h
	Charging mode	48V/10A manually charger
	Battery output power for external devices	24V/15A-12V/15A
	Braking	Motor brake
Security Setting	Emergency stop	√
	Instruction verification	√
	Heartbeat protection	√
	Current protection	√
	Temperature protection	√
VCU Information	CPU Basic Frequency	168MHz
	Hardware floating-point acceleration	√
	Interface	CAN Interface
	Communication module	CAN 2.0B
	Kinematic analysis	√
	Remote control distance	100m
Performance	Payload	80kg
	Speed	0-4km/h
	Mileage	20km
	Minimum turning radius	0m
	Wading depth	100mm
	Max climbing	15° with load
	Span width	250mm
	Obstacle height	150mm
	IP Rating	IP64
	Working temperature	-20°C~50°C