

## **Technical Specification:**

Dimension(L*W*H)	Technical Specification:			
Mechanical Specifications         Weight         4 Wheels Swerve Steering and Motor Drive           Specifications         Structure material         Aluminum Alloy           Specifications         Ground clearance         90mm           Wheel base         400mm         Wheel base         400mm           Wheel track         240mm         100mm         100mm <td colspan="2">FW-mid</td> <td>3</td>	FW-mid		3	
Drive form		Dimension(L*W*H)	680*550*437mm	
Mechanical Specifications         Structure material Ground clearance         Aluminum Alloy           Wheel base         400mm           Wheel base         420mm           Wheel base         240mm           Wheel base         350W*4 Servo Motor           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 Parking           Parking         Motor Parking           Instruction verification         √           Heartbeat protection         √           Current protection         √           Current protection         √           Current protection         √           VCU         Interface         CAN Interface           Communication module         CAN 2.0B           Kinematic analysis         √           Remote control distance         100m           Payload         50kg           Max speed         0.5.4km/h           Mileage         40km           Turnin		Weight	68kg	
Specifications         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 Braking           Instruction verification         √           Heartbeat protection         √           Heartbeat protection         √           Current protection         √           Temperature protection         √           Temperature protection         √           CPU basic frequency         168MHz           Interface         CAN Interface           Communication module         CAN 2.0B           Kinematic analysis         √           Remote control distance         100m           Payload         50kg           Max speed         0-54km/h           Mileage         40km		Drive form	4 Wheels Swerve Steering and Motor Drive	
Specifications         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 Braking           Instruction verification         √           Heartbeat protection         √           Heartbeat protection         √           Current protection         √           Temperature protection         √           Temperature protection         √           CPU basic frequency         168MHz           Interface         CAN Interface           Communication module         CAN 2.0B           Kinematic analysis         √           Remote control distance         100m           Payload         50kg           Max speed         0-54km/h           Mileage         40km		Structure material	Aluminum Alloy	
Wheel track		Ground clearance		
Tire diameter		Wheel base	400mm	
Basic Information Information Basic Information Information Basic Information Information Basic Information Information Information Basic Information Information Information Basic Information Inform		Wheel track	420mm	
Basic Information  Basic Charging time Charging mode Battery output power for external devices Braking Parking Bemergency stop Instruction verification Heartbeat protection Temperature protection Temperature protection Temperature protection Temperature protection Temperature protection  COMMUNICATION TEMPORAL SAME SAME SAME SAME SAME SAME SAME SAME		Tire diameter	240mm	
Basic Information Flavor Charging time Sattley power Charging time Sattley power Sattley Sattley Output power for external devices AWV-5A manually charger Barking Motor Braking Parking Motor Parking Motor Parking Motor Parking Sattley Setting Sattley Sat		Motor power	350W*4 Servo Motor	
Basic Information		-	Lithium battery 48V/20AH, with BMS	
Basic Information  Information  Example 1  Entergory of the protection of the protec			<u>-</u>	
Battery output power for external devices  Braking  Parking  Emergency stop  Instruction verification  Heartbeat protection  Current protection  Current protection  CPU basic frequency  Interface  Communication module  Kinematic analysis  Remote control distance  Performance  Performance  Performance  Performance  Performance  Battery output power for external devices  24V-10A/12V-15A  Motor Parking  And Communication  V  CPU basic frequency  168MHz  Interface  CAN Interface  CAN 2.0B  Kinematic analysis  V  Remote control distance  100m  Payload  50kg  Max speed  0-5.4km/h  Mileage  1uning radius  0m  Wading depth  100mm  Climbing capacity  0bstacle surmounting height  50mm(full load)  Span width  IP Rating  IP33			48V/5A manually charger	
Braking Motor Braking Parking Motor Parking  Emergency stop  Instruction verification  Heartbeat protection  Current protection  Temperature protection  VCU Information  VCU Information  VCU Information  Performance  Performance  Performance  Performance  Wading depth  Climbing capacity  Obstacle surmounting height  Span width  IP Rating  Instruction Motor Parking  Motor Braking  Motor Braking  Motor Parking  Motor Parking  Motor Parking  Motor Parking   Notor Parking  Motor Parking   Amotor Parking   V  Current protection  V  CPU basic frequency  168MHz  CAN 108  Valinetace  CAN Interface  CAN 2.0B  Kinematic analysis  V  Remote control distance  100m  50kg  Max speed  0-5.4km/h  Mileage  40km  Turning radius  0m  Wading depth  100mm  Climbing capacity  50mm(full load)  Span width  120mm  IP Rating  IP Rating			24V-10A/12V-15A	
Parking Motor Parking  Emergency stop  Instruction verification  Heartbeat protection  Current protection  Temperature protection  VCU  Information  VCU  Interface  CAN Interface  CAN Interface  CAN 1.0B  Kinematic analysis   Remote control distance  100m  Payload  50kg  Max speed  0-5.4km/h  Mileage  40km  Turning radius  0m  Wading depth  100mm  Climbing capacity  0bstacle surmounting height  50mm(full load)  Span width  IP Rating  IP 33				
Security Setting    Instruction verification				
Security Setting         Heartbeat protection         √           Current protection         √           Temperature protection         √           CPU basic frequency         168MHz           Interface         CAN Interface           Communication module         CAN 2.0B           Kinematic analysis         √           Remote control distance         100m           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	,	Emergency stop	√	
Setting Heartbeat protection  Current protection  Temperature protection  VCU Information  CPU basic frequency  Interface  CAN Interface  CAN Interface  Communication module  Kinematic analysis  Remote control distance  Interface		Instruction verification	V	
Current protection       VCU Information     √       Interface     CAN Interface       Communication module     CAN 2.0B       Kinematic analysis     √       Remote control distance     100m       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		Heartbeat protection	√	
Performance Payload Payload Postacle surmounting height Postacle surmounting height Postacle surmounting height Pating Performance Performance Performance Payload Postacle surmounting height Po		-	$\checkmark$	
Performance Payload Payload Postacle surmounting height Postacle surmounting height Postacle surmounting height Pating Performance Performance Performance Payload Postacle surmounting height Po		Temperature protection	$\checkmark$	
VCU Information       CAN Interface         Communication module       CAN 2.0B         Kinematic analysis       √         Remote control distance       100m         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			168MHz	
Information  Kinematic analysis  Remote control distance  Payload  Max speed  Max speed  Mileage  Turning radius  Wading depth  Climbing capacity  Obstacle surmounting height  Span width  IP Rating  Kinematic analysis  √  CAN 2.0B     V  40  100m  100m  100mm  15° with load  50mm(full load)  5pan width  120mm  IP 33		Interface	CAN Interface	
Kinematic analysis√Remote control distance100mPayload50kgMax speed0-5.4km/hMileage40kmTurning radius0mWading depth100mmClimbing capacity15° with loadObstacle surmounting height50mm(full load)Span width120mmIP RatingIP33		Communication module	CAN 2.0B	
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		Kinematic analysis	$\checkmark$	
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		Remote control distance	100m	
Performance         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	Performance	Payload	50kg	
Performance         Turning radius         0m           Wading depth         100mm           Climbing capacity         15° with load           Obstacle surmounting height         50mm(full load)           Span width         120mm           IP Rating         IP33		Max speed	0-5.4km/h	
Performance  Wading depth  Climbing capacity  Obstacle surmounting height  Span width  IP Rating  100mm  15° with load  50mm(full load)  120mm  IP33		Mileage	40km	
Climbing capacity  Obstacle surmounting height  Span width  IP Rating  15° with load  50mm(full load)  120mm  IP33		Turning radius	0m	
Climbing capacity  Obstacle surmounting height  Span width  IP Rating  15° with load  50mm(full load)  120mm  IP33		Wading depth	100mm	
Span width 120mm IP Rating IP33			15° with load	
IP Rating IP33		Obstacle surmounting height	50mm(full load)	
		Span width	120mm	
Working temperature -20°C~50°C		IP Rating	IP33	
		Working temperature	-20°C~50°C	