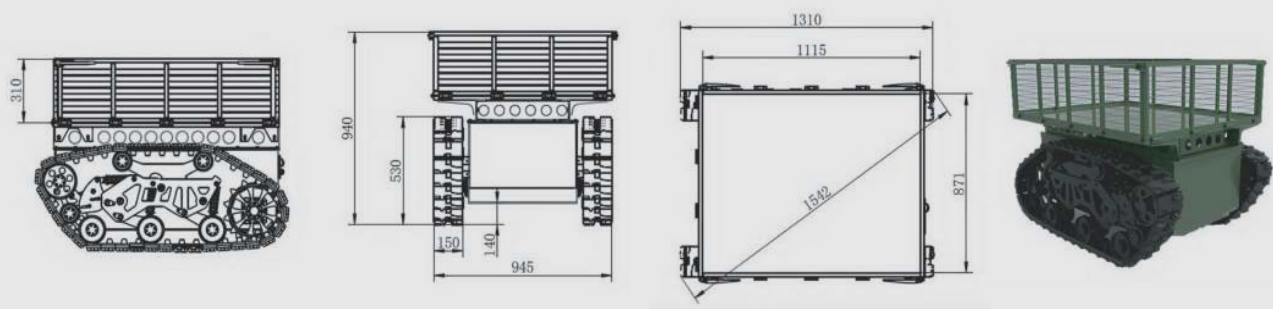


WR51 Unmanned Transport Vehicle



WR51 Unmanned Transport Vehicle is a high-performance, versatile tracked unmanned transport platform. The chassis utilizes a Christie fully independent suspension design, providing excellent stability and reliability for the entire platform. The power system features two high-torque, brushless DC motors. Through careful chassis matching and power configuration, WR51 offers strong terrain adaptability, a low center of gravity, smooth operation, and high transmission efficiency, making it capable of operating smoothly in complex terrains.

TECHNICAL SPECIFICATIONS



WR51 outline diagram

Mechanical Parts			
Overall Dimensions	1310 × 945 × 940 mm	Cargo Compartment Dimensions	1115 × 871 × 310 mm
Chassis Weight	390 kg	Max Load	260 kg
Ground Clearance	140 mm	Track Width	150 mm
Drive Wheel Diameter	310 mm	Running Speed	0–5.4 km/h
Max Obstacle Climbing Height	200 mm	Vertical Overcome Height	150 mm
Max Slope Climbing	30°	Protection Level	IP64
Electrical Parts			
Power Supply Voltage	DC 48V	Motor Type	Brushless DC Motor
Maximum Power (Whole Unit)	3 kW × 2	Standby Power Consumption	≤50W
Remote Control Distance	200 m (External Antenna)	Total Vehicle Current	60A
Battery			
Nominal Voltage	48V	Rated Capacity	80AH
Charging Cut-off Voltage	54.6V ± 2V	Discharge Cut-off Voltage	39V
Discharge Current	200A	Battery	ternary lithium
Discharge Operating Temperature	-10°C ~ +60°C	Charging Operating Temperature	0°C ~ +45°C
Storage Temperature	0°C ~ +35°C		

Note:

- 1.The product appearance and technical parameters may be adjusted as the product is continuously upgraded.
The final specifications shall be based on the contract.
- 2.Parameters and configurations can be specially customized based on the user's requirements.