

BUNKER **PRO**

The tracked-UGV mobile robotic development platform with super high off-road mobility for easily tackling challenging environments like soft soils, steep grades, puddles, box culverts, etc.



IP67



Long run time



Maximum
gradeability



Strong load
capacity



Shockproof &
all-terrain



1500W dual-motor
drive system



Fully extensible



Capable of deeply wading water



Applications
Agriculture
Building modes
Surveying and mapping
Inspection
Transport



LinkedIn



Youtube

Tech specifications

Dimension	1064*845*473mm (excluding antenna)
Interior dimension	800*370*300mm
Minimum ground clearance	120mm
Track	150mm
Grounding rod length	740mm
Weight	180kg
Payload during driving	120kg
Battery type	48V 60Ah Lithium battery
Charging time	4.5h
Motor	48V DC servo motor
Operating Ambient Temperature	-20°C~60°C
Wheel encoder	2500ppr photoelectric incremental encoder
Suspension	Christie suspension + Matilda four-wheel balance suspension
Rated power	1500W*2
Rated torque	144NM
Speed	0~1.5m/s
Maximum barrier height	180mm
Climb grade	30°no-load climbing(Can climb stairs)
Minimum turning radius	0M(Be able to turn on a pivot)
Suspension	6 independent absorbers on each side
Remote control distance	100M without obstacles
Battery duration	3h
Remote control	The right rocker controls the movement of the vehicle
IP rating	IP67
Communication interface	CAN / RS233