Unitree

Go Further with **Higher Efficiency**



Superior Endurance and High Efficiency

20 km/h [1]

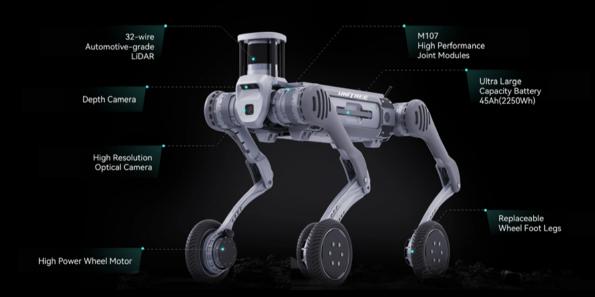
50 km [2]

Maximum speed Maximum endurance with 40kg load Maximum horizontal pulling force

Maximum wheel torque

Maximum wheel speed

Wheel Diameter



Size(Standing)	≈ 1098mm×550mm×758mm
Size(Lying Prone)	≈ 950mm×550mm×450mm
Weight	≈75kg Total weight (battery included)
Battery Capacity	> 2kwh, voltage 58V
Endurance Ability	Maximum endurance of 50km with 40kg load [2]
Maximum horizontal pulling force	20km/h [1]
Maximum trench crossing distance	100kg [3]
Ditch Jumping Width	≈2m
Maximum Load(Standing)	120kg
Load(Walking)	> 40kg
Wheel Diameter	225mm
Maximum wheel speed	57rad/s
Maximum wheel torque	50N.m
Continuous Stair Climbing	Stairs of 20~25cm
Operating Temperature	-20°C ~ 55°C
Climbing Angle	
Ingress Protection	IP67
Control and Perception	Standard configuration: Intel Core i5(Platform Function) ,Intel Core i7(User Development) Optional Configuration: Intel Core i7 and Jetson Orin NX (Maximum up to 3 devices)