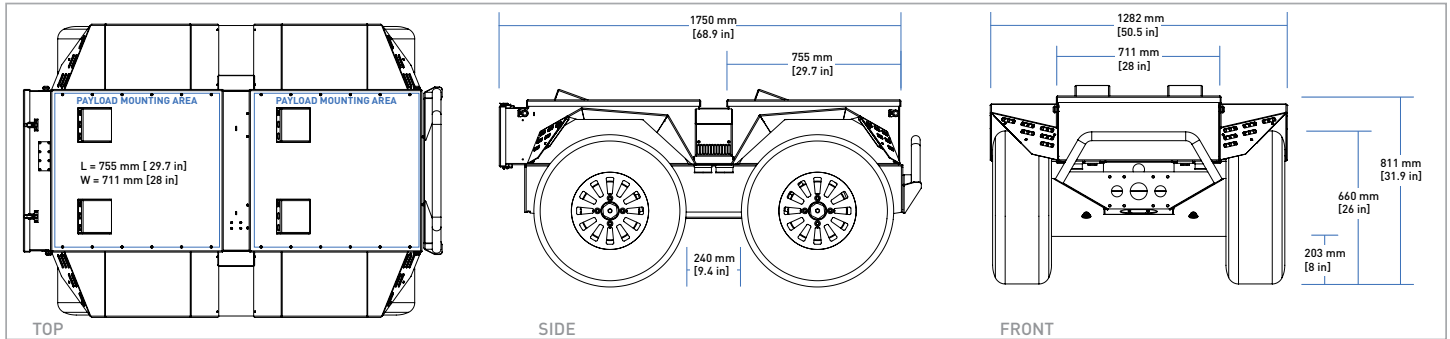


GRIZZLY™

ROBOTIC UTILITY VEHICLE



TECHNICAL SPECIFICATIONS

Available Standard Models: Speed optimized, Towing optimized

SIZE AND WEIGHT	Speed Optimized	Towing Optimized
EXTERNAL DIMENSIONS (L x W x H)	1750 x 1282 x 811 mm (68.9 x 50.5 x 31.9 in)	
CURB WEIGHT	660 kg (1450 lb)	910 kg (2000 lb)
WHEELS	660 mm (26 in) Gen. Purpose	584 mm (23 in) Lug Tread
GROUND CLEARANCE	203 mm (8 in)	
SPEED AND PERFORMANCE		
MAX. PAYLOAD	600 kg (1320 lb)	350 kg (770 lb)
RATED DRAWBAR	3100 N (700 lbf)	6230 N (1400 lbf)
MAX SPEED	19 km/h (11 mph)	8.3 km/h (5.1 mph)
MAXIMUM INCLINE	30° (60%)	
FRONT AXLE ARTICULATION	± 8°	
DRIVE CONFIGURATION	4 x 4 Independently Driven	
BATTERY AND POWER SYSTEM		
BATTERY CHEMISTRY	Marine Grade AGM Sealed Lead Acid	
CAPACITY	48 V @ 200 Ah	48 V @ 400 Ah
RUNTIME - CRUISING	6 Hours	12 Hours
RUNTIME - TOWING	1.5 Hours	3 Hours
CHARGE TIME	6 Hours	12 Hours
USER POWER	5 V, 12 V, 24 V (fused) (48 V optional)	
INTERFACING AND COMMUNICATION		
CONTROL MODES	Tele-op, semi-auton., full-auton.	
FEEDBACK	Battery voltage, motor currents, wheel odometry, control system status, temperatures, safety status.	
COMMUNICATION	Ethernet	
BASE SENSORS	Encoders, GPS, IMU	
DRIVERS AND APIs	ROS	
ENVIRONMENTAL		
OPERATING AMBIENT TEMPERATURE	-10 to 30 °C (14 to 86 °F)	
STORAGE TEMPERATURE	-40 to 50 °C (-40 to 122 °F)	
RATING	IP 65 (air inlet: IP54)	

Contact us today for pricing and a free 30 minute technical assessment: **1-800-301-3863**