

MAGELLAN

Models: Magellan 2-AC, Magellan 2+2-AC, Magellan 4-AC, Magellan 4+2-AC

VEHICLE STANDARD FEATURES

Four year limited warranty, two year bumper-tobumper warranty (less wear items)

Eight 6 V (48 V) batteries

5.5 hp AC motor (Magellan 2-AC, Magellan 2+2-AC)

6.7 hp AC motor (Magellan 4-AC, Magellan 4+2-AC)

275 A controller (Magellan 2-AC, Magellan 2+2-AC)

350 A controller (Magellan 4-AC, Magellan 4+2-AC)

Headlights, LED taillights, brake lights, turning signals

Folding tinted windshield

Horn and reverse beeper

LED turn signal mirrors

Speedometer, odometer, battery indicator

2-point seat belts

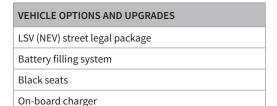
High/Low speed switch

Automatic battery charger

48 V to 12 V voltage reducer for accessories

Rear locking trunk (on Magellan 2-AC, Magellan 4-AC)

Easy access programming / trouble-shooting port under dash











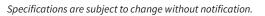
Magellan 2+2-AC



Magellan 4-AC



Magellan 4+2-AC





Vehicle Specifications

MAGELLAN

	Magellan 2-AC	Magellan 2+2-AC	Magellan 4-AC	Magellan 4+2-AC
DIMENSIONS				
Overall dimensions	94"L x 46"W x 74"H (239 cm x 117 cm x 188 cm)	115"L x 47"W x 75"H (292 cm x 119 cm x 191 cm)	126"L x 47"W x 75"H (320 cm x 119 cm x 191 cm)	146"L x 47"W x 75"H (371 cm x 119 cm x 191 cm)
Wheel base	68" (173 cm)	68" (173 cm)	97" (246 cm)	97" (246 cm)
Ground clearance	5" (12.7 cm)	5" (12.7 cm)	5.5" (14 cm)	5.5" (14 cm)
Wheel type	10" aluminum (25.4 cm)			
Tire size	205/50/10, 4-ply DOT	205/50/10, 4-ply DOT	205/50/10, 4-ply DOT	20.5x8-10, 6-ply DOT
Tire pressure	30 psi (207 kPa)	30 psi (207 kPa)	30 psi (207 kPa)	50 psi (345 kPa)
BODY & CHASSIS				
Chassis	Aluminum	Aluminum	Aluminum	Aluminum
Body material	Plastic	Plastic	Plastic	Plastic
Roof	Plastic (body paint match)	Extended plastic (body paint match)	Plastic (body paint match)	Extended plastic (body paint match)
POWER				
Battery system	8x6 V, Trojan T-105			
Motor power	5.5 hp (4.1 kW) AC motor	5.5 hp (4.1 kW) AC motor	6.7 hp (5 kW) AC motor	6.7 hp (5 kW) AC motor
Controller power	275 A Curtis 1234-5271	275 A Curtis 1234-5271	350 A Curtis 1234E-5371	350 A Curtis 1234E-5371
PERFORMANCE				
Passengers	2	4	4	6
Top speed	19.5 mph, 20-25 mph with LSV option (31.4 kph, 32.2-40.2 kph with LSV option)	19.5 mph, 20-25 mph with LSV option (31.4 kph, 32.2-40.2 kph with LSV option)	19.5 mph, 20-25 mph with LSV option (31.4 kph, 32.2-40.2 kph with LSV option)	19.5 mph, 20-25 mph with LSV option (31.4 kph, 32.2-40.2 kph with LSV option)
Top climbing grade	30%	30%	30%	30%
Turning radius	10 ft (3 m)	10 ft (3 m)	15 ft (4.6 m)	15 ft (4.6 m)
Load capacity	800 lbs (363 kg)	800 lbs (363 kg)	660 lbs (299 kg)	1000 lbs (454 kg)
Weight with batteries	1190 lbs (540 kg)	1290 lbs (585 kg)	1323 lbs (600 kg)	1429 lbs (648 kg)
Brake system	Four-wheel hydraulic disc with electric-mechanical parking brake			
Drive train	Direct rear drive with 12:1 ratio			
STEERING AND SUSPENS	ION			
Steering system	Rack and pinion	Rack and pinion	Rack and pinion	Rack and pinion
Front suspension	Independent A-arm, coil over shocks			
Rear suspension	Leaf spring and shock			