



# 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-to-bumper 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

## VEHICLE OPTIONS AND UPGRADES

LSV (NEV) street legal package
Battery filling system
Black seats
On-board charger

## STANDARD COLORS

	Black
	Metallic Silver
	Passion Red
	Navy Blue
	White



Magellan 2-AC



Magellan 2+2-AC



Magellan 4-AC



Magellan 4+2-AC



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## Vehicle Specifications

Specifications are subject to change without notification.

	Magellan 2-AC	Magellan 2+2-AC	Magellan 4-AC	Magellan 4+2-AC
<b>DIMENSIONS</b>				
<i>Overall dimensions</i>	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)
<i>Wheel base</i>	68" (173 cm)	68" (173 cm)	97" (246 cm)	97" (246 cm)
<i>Ground clearance</i>	5" (12.7 cm)	5" (12.7 cm)	5.5" (14 cm)	5.5" (14 cm)
<i>Wheel type</i>	10" aluminum (25.4 cm)	10" aluminum (25.4 cm)	10" aluminum (25.4 cm)	10" aluminum (25.4 cm)
<i>Tire size</i>	205/50/10, 4-ply DOT	205/50/10, 4-ply DOT	205/50/10, 4-ply DOT	20.5x8-10, 6-ply DOT
<i>Tire pressure</i>	30 psi (207 kPa)	30 psi (207 kPa)	30 psi (207 kPa)	50 psi (345 kPa)
<b>BODY &amp; CHASSIS</b>				
<i>Chassis</i>	Aluminum	Aluminum	Aluminum	Aluminum
<i>Body material</i>	Plastic	Plastic	Plastic	Plastic
<i>Roof</i>	Plastic (body paint match)	Extended plastic (body paint match)	Plastic (body paint match)	Extended plastic (body paint match)
<b>POWER</b>				
<i>Battery system</i>	8x6 V, Trojan T-105	8x6 V, Trojan T-105	8x6 V, Trojan T-105	8x6 V, Trojan T-105
<i>Motor power</i>	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
<i>Controller power</i>	275 A Curtis 1234-5271	275 A Curtis 1234-5271	350 A Curtis 1234E-5371	350 A Curtis 1234E-5371
<b>PERFORMANCE</b>				
<i>Passengers</i>	2	4	4	6
<i>Top speed</i>	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)
<i>Top climbing grade</i>	30%	30%	30%	30%
<i>Turning radius</i>	10 ft (3 m)	10 ft (3 m)	15 ft (4.6 m)	15 ft (4.6 m)
<i>Load capacity</i>	800 lbs (363 kg)	800 lbs (363 kg)	660 lbs (299 kg)	1000 lbs (454 kg)
<i>Weight with batteries</i>	1190 lbs (540 kg)	1290 lbs (585 kg)	1323 lbs (600 kg)	1429 lbs (648 kg)
<i>Brake system</i>	Four-wheel hydraulic disc with electric-mechanical parking brake	Four-wheel hydraulic disc with electric-mechanical parking brake	Four-wheel hydraulic disc with electric-mechanical parking brake	Four-wheel hydraulic disc with electric-mechanical parking brake
<i>Drive train</i>	Direct rear drive with 12:1 ratio	Direct rear drive with 12:1 ratio	Direct rear drive with 12:1 ratio	Direct rear drive with 12:1 ratio
<b>STEERING AND SUSPENSION</b>				
<i>Steering system</i>	Rack and pinion	Rack and pinion	Rack and pinion	Rack and pinion
<i>Front suspension</i>	Independent A-arm, coil over shocks	Independent A-arm, coil over shocks	Independent A-arm, coil over shocks	Independent A-arm, coil over shocks
<i>Rear suspension</i>	Leaf spring and shock	Leaf spring and shock	Leaf spring and shock	Leaf spring and shock