

# STAR CLASSIC XP AND XPR

Models: Classic XP-2, Classic XP-2+2, Classic XPR-4, Classic XPR-4+2, Classic XPR-6, Classic XPR-6+2

## VEHICLE STANDARD FEATURES

Four year limited warranty, two year bumper-to-bumper warranty (less wear items)
6 x 8 V (XP) or 8 x 6 (XPR) batteries
5.5 HP (XP) or 6.7 HP (XPR) AC motor w/ thermister
350A (XP) or 450 A (XPR) Curtis AC controller
Headlights, taillights, brake lights, turning signals
Folding tinted windshield
Horn and reverse beeper
Rear view mirrors
Battery indicator
Plastic battery box
2-point seat belts
High/Low speed switch
Automatic battery charger
48 V to 12 V voltage reducer for accessories
Easy access programming / trouble-shooting port under dash
On-board charger with Blue tooth



Classic XP-2



Classic XP-2+2



Classic XPR-4



Classic XPR-4+2

## VEHICLE OPTIONS AND UPGRADES

LSV (NEV) street legal package
Battery filling system
Locking glove box
Black seats
Carbon fiber treatment (dashboard and steering wheel)
Carbon fiber treatment (dashboard and steering wheel)
Wood grain treatment (dashboard, steering wheel, and seat back)
2-in-1 combo seat
Aluminum flip seat
SS Limited upgrade



Classic XPR-6



Classic XPR-6+2

STANDARD COLORS	PREMIUM COLORS
Black	Almond Pearl
Red	Metallic Green
Navy Blue	Metallic Silver
White	Yellow



# STAR CLASSIC XP AND XPR

## Vehicle Specifications

Specifications are subject to change without notification.

	Classic XP-2	Classic XP-2+2	Classic XPR-4
<b>DIMENSIONS</b>			
<i>Overall dimensions</i>	94"L x 47"W x 72"H (239 cm x 119 cm x 183 cm)	115"L x 47"W x 77"H (292 cm x 119 cm x 196 cm)	123"L x 47"W x 77"H (312 cm x 119 cm x 196 cm)
<i>Wheel base</i>	67" (170 cm)	67" (170 cm)	96" (244 cm)
<i>Ground clearance</i>	5" (12.7 cm)	5" (12.7 cm)	5" (12.7 cm)
<i>Wheel type</i>	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	205/65/10, 6-ply DOT
<i>Tire pressure</i>	30 psi (207 kPa)	30 psi (207 kPa)	50 psi (345 kPa)
<b>BODY &amp; CHASSIS</b>			
<i>Chassis</i>	Steel	Steel	Steel
<i>Body material</i>	Plastic	Plastic	Plastic
<i>Roof</i>	Plastic, beige	Extended plastic (body paint match)	Plastic (body paint match)
<i>Side rails</i>	Aluminum	Aluminum	Aluminum
<b>POWER</b>			
<i>Battery system</i>	6x8 V, Trojan T-875	6x8 V, Trojan T-875	8x6 V, Trojan T-105
<i>Motor power</i>	5.5 hp (4.0 kW) AC motor with thermistor	5.5 hp (4.0 kW) AC motor with thermistor	6.7 hp (5.0 kw) AC motor w/ thermister
<i>Controller power</i>	350 A Curtis 1232SE with regenerative braking	350 A Curtis 1232SE with regenerative braking	450 A Curtis 1234SE with regenerative braking
<b>PERFORMANCE</b>			
<i>Passengers</i>	2	4	4
<i>Top speed</i>	19.5 mph, 21.9 mph minimum with LSV option (31.4 kph, 35.2 kph minimum with LSV option)	19.5 mph, 21.9 mph minimum with LSV option (31.4 kph, 35.2 kph minimum with LSV option)	19.5 mph, 21.9 mph minimum with LSV option (31.4 kph, 35.2 kph minimum with LSV option), speedometer included
<i>Top climbing grade</i>	25%	20%	20%
<i>Turning radius</i>	10 ft (3 m)	10 ft (3 m)	12 ft (3.7 m)
<i>Load capacity</i>	600 lbs (272 kg)	660 lbs (299 kg)	660 lbs (299 kg)
<i>Weight with batteries</i>	1200 lbs (544 kg)	1370 lbs (621 kg)	1430 lbs (649 kg)
<i>Brake system</i>	Rear drum	Rear drum	Four-wheel hydraulic drum brakes with hand-activated parking brake
<i>Drive train</i>	Direct rear drive with 12.49:1 ratio	Direct rear drive with 12.49:1 ratio	Direct rear drive with 12.49:1 ratio
<b>STEERING AND SUSPENSION</b>			
<i>Steering system</i>	Rack and pinion	Rack and pinion	Rack and pinion
<i>Front suspension</i>	Leaf spring and shock	Leaf spring and shock	Leaf spring and shock
<i>Rear suspension</i>	Leaf spring and shock	Leaf spring and shock	Leaf spring and shock



# STAR CLASSIC XP AND XPR

Vehicle Specifications

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	Classic XPR-4+2	Classic XPR-6	Classic XPR-6+2
<b>DIMENSIONS</b>			
<i>Overall dimensions</i>	144"L x 47"W x 77"H (366 cm x 119 cm x 196 cm)	153"L x 47"W x 77"H (389 cm x 119 cm x 196 cm)	173"L x 47"W x 77"H (439 cm x 119 cm x 196 cm)
<i>Wheel base</i>	96" (244 cm)	125" (318 cm)	125" (318 cm)
<i>Ground clearance</i>	5" (12.7 cm)	5" (12.7 cm)	5" (12.7 cm)
<i>Wheel type</i>	10" aluminum (25.4 cm)	10" aluminum (25.4 cm)	10" aluminum (25.4 cm)
<i>Tire size</i>	20.5x8-10, 6-ply DOT	20.5x8-10, 6-ply DOT	20.5x8-10, 6-ply DOT
<i>Tire pressure</i>	50 psi (345 kPa)	50 psi (345 kPa)	50 psi (345 kPa)
<b>BODY &amp; CHASSIS</b>			
<i>Chassis</i>	Steel	Steel	Steel
<i>Body material</i>	Plastic	Plastic	Plastic
<i>Roof</i>	Extended plastic (body paint match)	Extended plastic (body paint match)	Extended plastic (body paint match)
<i>Side rails</i>	Aluminum	Aluminum	Aluminum
<b>POWER</b>			
<i>Battery system</i>	8x6 V, Trojan T-105	8x6 V, Trojan T-105	8x6 V, Trojan T-105
<i>Motor power</i>	6.7 hp (5.0 kw) AC motor w/ thermister	6.7 hp (5.0 kw) AC motor w/ thermister	6.7 hp (5.0 kw) AC motor w/ thermister
<i>Controller power</i>	450 A Curtis 1234SE with regenerative braking	450 A Curtis 1234SE with regenerative braking	450 A Curtis 1234SE with regenerative braking
<b>PERFORMANCE</b>			
<i>Passengers</i>	6	6	8
<i>Top speed</i>	19.5 mph, 21.9 mph minimum with LSV option (31.4 kph, 35.2 kph minimum with LSV option), speedometer included	19.5 mph, 21.9 mph minimum with LSV option (31.4 kph, 35.2 kph minimum with LSV option), speedometer included	19.5 mph, 21.9 mph minimum with LSV option (31.4 kph, 35.2 kph minimum with LSV option), speedometer included
<i>Top climbing grade</i>	20%	20%	20%
<i>Turning radius</i>	12 ft (3.7 m)	15 ft (4.6 m)	15 ft (4.6 m)
<i>Load capacity</i>	1000 lbs (454 kg)	1000 lbs (454 kg)	1200 lbs (544 kg)
<i>Weight with batteries</i>	1570 lbs (712 kg)	1625 lbs (737 kg)	1800 lbs (816 kg)
<i>Brake system</i>	Four-wheel hydraulic drum brakes with hand-activated parking brake	Four-wheel hydraulic drum brakes with hand-activated parking brake	Four-wheel hydraulic drum brakes with hand-activated parking brake
<i>Drive train</i>	Direct rear drive with 12.49:1 ratio	Direct rear drive with 12.49:1 ratio	Direct rear drive with 12.49:1 ratio
<b>STEERING AND SUSPENSION</b>			
<i>Steering system</i>	Rack and pinion	Rack and pinion	Rack and pinion
<i>Front suspension</i>	Leaf spring and shock	Leaf spring and shock	Leaf spring and shock
<i>Rear suspension</i>	Leaf spring and shock	Leaf spring and shock	Leaf spring and shock