

STAR CAPELLA

Models: CP-2, CP-2+2, CP-4, CP-6, CP-6+2

VEHICLE STANDARD FEATURES

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

CP-2 and 2+2

Motor: 4 kW QDS™ AC Motor

Controller: 48V 350A Curtis Controller

CP-4, CP-4+2, CP-6, CP-6+2

Motor: SkW QDS™ AC Motor

Controller: 48V 450A Curtis Controller

Charger: 48V18A, on-board with remote LED

Batteries:

48 Volt, 6, 8volt or 8, 6 volt deep cycle

Drive Train: Direct Drive

Brakes: Rear wheel mechanical drum brake (2, 2+2)

4 Wheel hydraulic (4, 4+2, 6, 6+2)

QDS™ Drive System with over temperature protection

Front independent suspension

10" DOT Radial Tire and Machined

Black Honeycomb Rim

Digital Display

Emergency Flashers

Turn Signals

High/Low Beams

LED Taillights

Daytime Running Lights



CP-2



CP-2+2



CP-4



CP-4+2

VEHICLE OPTIONS AND UPGRADES

LSV Package









Bluetooth speakers

Third brake light

USB port

Battery filling system

STANDARD COLORS WITH SEAT COLORS

	candy apple red with black seats		arctic white with tan seats
	coast blue with black seats		royal blue with tan seats
	forest blue mist with black seats		silver with black seats
	jet black with tan seats		sunburst orange with black seats



CP-6



CP-6+2

	CP-2	CP-2+2	CP-4
DIMENSIONS			
<i>Overall dimensions</i>	93.7" L X 47.6" W X 73.6" H (237 cm x 121 cm x 187 cm)	109.5" L X 47.6" W X 73.6" H (278 cm x 121 cm x 187 cm)	123.2" L X 47.6" W X 73.4" H (313 cm x 121 cm x 187 cm)
<i>Wheel base</i>	65.7" (167 cm)	65.7" (167 cm)	95.3" (242 cm)
<i>Front Wheel Track</i>	36.7" (93 cm)	36.7" (93 cm)	36.7" (93 cm)
<i>Rear Wheel Track</i>	38.6" (98 cm)	38.6" (98 cm)	38.6" (98 cm)
<i>Ground Clearance</i>	4.8" (12 cm)	4.8" (12 cm)	4.8" (12 cm)
BODY & CHASSIS			
<i>Frame</i>	Welded structural steel, powder coat	Welded structural steel, powder coat	Welded structural steel, powder coat
<i>Body Material</i>	Injection molding plastic with Automotive paint and finish	Injection molding plastic with Automotive paint and finish	Injection molding plastic with Automotive paint and finish
<i>Roof</i>	Plastic, injection molded	Plastic, extended, colored matched	Plastic, extended, colored matched
POWER			
<i>Motor</i>	48 Volt AC, 4kW w/thermistor	8 Volt AC, 4kW w/thermistor	48 Volt AC, 5kW w/thermistor
<i>Batteries</i>	6, 8 Volt Deep Cycle	6, 8 Volt Deep Cycle	8, 6 Volt Deep Cycle
<i>Speed Controller</i>	Curtis 350A AC Controller	Curtis 350A AC Controller	Curtis 450A AC Controller
<i>Drive Train</i>	Motor Shaft Direct Drive	Motor Shaft Direct Drive	Motor Shaft Direct Drive
PERFORMANCE			
<i>Passengers</i>	2	4	4
<i>Curb Weight</i>	1089 lbs (490 kg)	1244 lbs (560 kg)	1378 lbs (620 kg)
<i>Load Capacity</i>	800 lbs (360 kg)	800 lbs (360 kg)	1156 lbs (520 kg)
<i>Turning Radius</i>	10.17 ft (3.1 m)	10.17 ft (3.1 m)	16.4 ft (5 m)
<i>Maximum Speed</i>	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)
STEERING AND SUSPENSION			
<i>Tires and Rims</i>	10" DOT Radial Tire and Machined Black Honeycomb Rim	10" DOT Radial Tire and Machined Black Honeycomb Rim	10" DOT Radial Tire and Machined Black Honeycomb Rim
<i>Steering System</i>	Rack and pinion double output, self compensated	Rack and pinion double output, self compensated	Rack and pinion double output, self compensated
<i>Front Suspension</i>	Double swing arm independent coil over shock	Double swing arm independent coil over shock	Double swing arm independent coil over shock
<i>Rear Suspension</i>	Longitudinal leaf spring + Shock absorption	Longitudinal leaf spring + Shock absorption	Longitudinal leaf spring + Shock absorption
<i>Service Brake</i>	Mechanical braking	Mechanical braking	4 wheel hydraulic brake
<i>Parking Brake</i>	Mechanical foot parking	Mechanical foot parking	Mechanical hand operated

	CP-4+2	CP-6	CP-6+2
DIMENSIONS			
<i>Overall dimensions</i>	139" L x 47.6" W x 73.4" H (353 cm x 121 cm x 186 cm)	152" L X 47.6" W X 73.4" H (386 cm x 121 cm x 186 cm)	168" L x 47.6" W x 73.4" H (426 cm x 121 cm x 186 cm)
<i>Wheel base</i>	95.3" (242 cm)	124" (315 cm)	124" (315 cm)
<i>Front Wheel Track</i>	36.7" (93 cm)	36.7" (93 cm)	36.7" (93 cm)
<i>Rear Wheel Track</i>	38.6" (98 cm)	38.6" (98 cm)	38.6" (98 cm)
<i>Ground Clearance</i>	4.8" (12 cm)	4.8" (12 cm)	4.8" (12 cm)
BODY & CHASSIS			
<i>Frame</i>	Welded structural steel, powder coat	Welded structural steel, powder coat	Welded structural steel, powder coat
<i>Body Material</i>	Injection molding plastic with Automotive paint and finish	Injection molding plastic with Automotive paint and finish	Injection molding plastic with Automotive paint and finish
<i>Roof</i>	Plastic, extended, colored matched	Plastic, extended, colored matched	Plastic, extended, colored matched
POWER			
<i>Motor</i>	48 Volt AC, 5kW w/thermistor	48 Volt AC, 5kW w/thermistor	48 Volt AC, 5kW w/thermistor
<i>Batteries</i>	8, 6 Volt Deep Cycle	8, 6 Volt Deep Cycle	8, 6 Volt Deep Cycle
<i>Speed Controller</i>	Curtis 450A AC Controller	Curtis 450A AC Controller	Curtis 450A AC Controller
<i>Drive Train</i>	Motor Shaft Direct Drive	Motor Shaft Direct Drive	Motor Shaft Direct Drive
PERFORMANCE			
<i>Passengers</i>	6	6	8
<i>Curb Weight</i>	1422 lbs (640 kg)	1556 lbs (700 kg)	1556 lbs (700 kg)
<i>Load Capacity</i>	1156 lbs (520 kg)	1422 lbs (640 kg)	1422 lbs (640 kg)
<i>Turning Radius</i>	16.4 ft (5 m)	19.7 ft (6 m)	19.7 ft (6 m)
<i>Maximum Speed</i>	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)
STEERING AND SUSPENSION			
<i>Tires and Rims</i>	10" DOT Radial Tire and Machined Black Honeycomb Rim	10" DOT Radial Tire and Machined Black Honeycomb Rim	10" DOT Radial Tire and Machined Black Honeycomb Rim
<i>Steering System</i>	Rack and pinion double output, self compensated	Rack and pinion double output, self compensated	Rack and pinion double output, self compensated
<i>Front Suspension</i>	Double swing arm independent coil over shock	Double swing arm independent coil over shock	Double swing arm independent coil over shock
<i>Rear Suspension</i>	Longitudinal leaf spring + Shock absorption	Longitudinal leaf spring + Shock absorption	Longitudinal leaf spring + Shock absorption
<i>Service Brake</i>	4 wheel hydraulic brake	4 wheel hydraulic brake	4 wheel hydraulic brake
<i>Parking Brake</i>	Mechanical hand operated	Mechanical hand operated	Mechanical hand operated