CAPELLA

MODELS: Capella 2, Capella 2+2, Capella 2+2 Lifted, Capella 4, Capella 4+2, Capella 4+2 Lifted, Capella 6 and Capella 6+2

VEHICLE STANDARD FEATURES

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

CP-2, CP2+2, CP 2+2 Lifted and CP4
Motor: 48 Volt AC, 4kW w/thermistor
Controller: 350A AC Controller
Batteries: 6, 8V Deep Cycle
STAR® Smart Lithium Batteries:
CP-2 (80Ah, 105Ah, 160Ah, 210Ah)
CP 2+2 (80Ah, 105Ah, 160Ah, 210Ah)
CP 2+2 Lifted & CP4 (105Ah, 160Ah, 210Ah)

CP4+2, CP4+2 Lifted, CP-6, CP 6+2
Motor: 5kW QDS™ AC Motor
Controller: 450A AC Controller
Batteries: 8, 6 Volt Deep Cycle
STAR® Smart Lithium Batteries:
CP4+2 (105Ah, 160Ah, 210Ah)
CP4+2 Lilfted, CP-6, & CP 6+2 (160Ah, 210Ah)

On-Board 48V / 18A Charge

Motor Shaft Direct Drive Train

Rear wheel mechanical drum brake (2, 2+2 and 2+2 Lifted) 4 wheel hydraulic (4, 4+2, 6 and 6+2)

QDS™ Drive System with over temp protection

Front independent suspension

10" DOT Radial Tire and Machined Black Honeycomb Rim

Digital Display

Emergency Flashers

Integrated turn signals

High / Low Beams

LED Taillights

Daytime Running Lights

UPGRADES

Star® Smart Lithium Battery (80Ah, 105Ah, 160Ah, and 210 Ah) *Sizes vary for specific models

LSV Package

Bluetooth speakers

Third brake light

Battery Filling System



CAPELLA 2 CAPELLA 2+2 CAPELLA 2+2 LIFTED



CAPELLA 4 CAPELLA 4+2 CAPELLA 4+2 LIFTED



CAPELLA 6 CAPELLA 6+2

COLOR OPTIONS



ARCTIC WHITE | CANDY APPLE RED | COASTAL BLUE | FOREST BLUE MIST | JET BLACK | AMPLIFIED RUBY | NEBULA BLUE | SOLAR FLARE RED

**Limited Availability on Candy Apple Red and Forest Blue Mist*

SPECIFICATIONS

	CP-2	CP-2+2	CP-2+2 LIFTED
DIMENSIONS			
Overall dimensions	95" L x 48.625" W x 74" H (241 cm x 124 cm x 188 cm)	121" L x 48.625" W x 79.25" H (307 cm x 124 cm x 201 cm)	113"L x 51" W x 82.5" H (287 cm x 130 cm x 210 cm)
Wheel base	65.7" (167 cm)	65.7" (167 cm)	(67") 170 cm
Front Wheel Track	36.7" (93 cm)	36.7" (93 cm)	(38.2") 97 cm
Rear Wheel Track	38.6" (98 cm)	38.6" (98 cm)	(40.2") 102 cm
Ground Clearance	4.8" (12 cm)	4.8" (12 cm)	(6.7") 17 cm
BODY & CHASSIS			
Frame	Welded structural steel, powder coated	Welded structural steel, powder coated	Welded structural steel, powder coated
Body Material	Injection molded plastic with automative paint and finish	Injection molded plastic with automative paint and finish	Injection molded plastic with automative paint and finish
Roof	Plastic, extended, color-matched	Plastic, extended, color-matched	Plastic, extended, color-matched
POWER			
Motor	48 Volt AC, 4kW w/thermistor	48 Volt AC, 4kW w/thermistor	48 Volt AC, 4kW w/thermistor
Batteries	6, 8 Volt deep cycle	6, 8 Volt deep cycle	6, 8 Volt deep cycle
Lithium Batteries	80Ah, 105Ah, 160Ah, 210Ah	80Ah, 105Ah, 160Ah, 210Ah	105Ah, 160Ah, 210Ah
Speed Controller	350A AC Controller	350A AC Controller	350A AC Controller
Drive Train	Motor shaft direct drive	Motor shaft direct drive	Motor shaft direct drive
PERFORMANCE			
Passengers	2	4	4
Curb Weight	1089 lbs (494 kg)	1244 lbs (564 kg)	1366 lbs (620 kg)
Load Capacity	800 lbs (362 kg)	800 lbs (362 kg)	800 lbs (360 kg)
Turning Radius	10.17 ft (3.1 m)	10.17 ft (3.1 m)	9.5 ft (2.9m)
Maximum Speed	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)
STEERING AND SUSPENSION			
Tires and Rims	10" DOT radial tires and machined black honeycomb rims	10" DOT radial tires and machined black honeycomb rims	10" DOT radial tires and machined black honeycomb rims
Steering System	Rack and pinion double output, self-compensated	Rack and pinion double output, self-compensated	Rack and pinion double output, self-compensated
Front Suspension	Double swing arm independent coil over shock	Double swing arm independent coil over shock	Double swing arm independent coil over shock
Rear Suspension	Longitudinal leaf spring + shock absorption	Longitudinal leaf spring + shock absorption	Longitudinal leaf spring + shock absorption
Service Brake	Mechanical braking	Mechanical braking	Mechanical braking
Parking Brake	Mechanical foot parking	Mechanical foot parking	Mechanical foot parking

Specifications are subject to change without notification.

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SPECIFICATIONS

	CP-4	CP-4+2	CP-4+2 LIFTED
DIMENSIONS			
Overall dimensions	124.75” L x 48.625” W x 76” H (317 cm x 124 cm x 193 cm)	150.75” L x 48.625” W x 77” H (383 cm x 124 cm x 196 cm)	150.75” L x 52” W x 82.5” H (383 cm x 132 cm x 210 cm)
Wheel base	95.3” (242 cm)	95.3” (242 cm)	96” (242 cm)
Front Wheel Track	36.7” (93 cm)	36.7” (93 cm)	40” (102 cm)
Rear Wheel Track	38.6” (98 cm)	38.6” (98 cm)	42” (107 cm)
Ground Clearance	4.8” (12 cm)	4.8” (12 cm)	6.7” (17 cm)
BODY & CHASSIS			
Frame	Welded structural steel, powder coated	Welded structural steel, powder coated	Welded structural steel, powder coated
Body Material	Injection molded plastic with automative paint and finish	Injection molded plastic with automative paint and finish	Injection molded plastic with automative paint and finish
Roof	Plastic, extended, color-matched	Plastic, extended, color-matched	Plastic, extended, color-matched
POWER			
Motor	5kW QDS™ AC Motor	5kW QDS™ AC Motor	5kW QDS™ AC Motor
Batteries	6, 8 Volt Deep Cycle	8, 6 Volt Deep Cycle	8, 6 Volt Deep Cycle
Lithium Batteries	105Ah, 160Ah, 210Ah	160Ah, 210Ah	160Ah, 210Ah
Speed Controller	350A AC Controller	450A AC Controller	450A AC Controller
Drive Train	Motor shaft direct drive	Motor shaft direct drive	Motor shaft direct drive
PERFORMANCE			
Passengers	4	6	6
Curb Weight	1378 lbs (625 kg)	1422 lbs (645 kg)	1691lbs (767 kg)
Load Capacity	1156 lbs (524 kg)	1156 lbs (524 kg)	1156 lbs (524 kg)
Turning Radius	16.4 ft (5 m)	16.4 ft (5 m)	16.4 ft (5 m)
Maximum Speed	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)
STEERING AND SUSPENSION			
Tires and Rims	10” DOT radial tires and machined black honeycomb rims	10” DOT radial tires and machined black honeycomb rimshoneycomb rims	10” DOT radial tires and machined black honeycomb rims
Steering System	Rack and pinion double output, self-compensated	Rack and pinion double output, self-compensated	Rack and pinion double output, self-compensated
Front Suspension	Double swing arm independent coil over shock	Double swing arm independent coil over shock	Double swing arm independent coil over shock
Rear Suspension	Longitudinal leaf spring + shock absorption	Longitudinal leaf spring + shock absorption	Longitudinal leaf spring + shock absorption
Service Brake	4-wheel hydraulic brake	4-wheel hydraulic brake	4-wheel hydraulic brake
Parking Brake	Mechanical hand operated	Mechanical hand operated	Mechanical hand operated

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SPECIFICATIONS

	CP-6	CP-6+2
DIMENSIONS		
Overall dimensions	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)
Wheel base	124” (315 cm)	124” (315 cm)
Front Wheel Track	36.7” (93 cm)	36.7” (93 cm)
Rear Wheel Track	38.6” (98 cm)	38.6” (98 cm)
Ground Clearance	4.8” (12 cm)	4.8” (12 cm)
BODY & CHASSIS		
Frame	Welded structural steel, powder coated	Welded structural steel, powder coated
Body Material	Injection molded plastic with automotive paint and finish	Injection molded plastic with automotive paint and finish
Roof	Plastic, extended, color-matched	Plastic, extended, color-matched
POWER		
Motor	5kW QDS™ AC Motor	5kW QDS™ AC Motor
Batteries	8, 6 Volt Deep Cycle	8, 6 Volt Deep Cycle
Lithium Batteries	160Ah, 210Ah	160Ah, 210Ah
Speed Controller	450A AC Controller	450A AC Controller
Drive Train	Motor Shaft Direct Drive	Motor Shaft Direct Drive
PERFORMANCE		
Passengers	6	8
Curb Weight	1556 lbs (705 kg)	1556 lbs (705 kg)
Load Capacity	1422 lbs (645 kg)	1422 lbs (645 kg)
Turning Radius	19.7 ft (6 m)	19.7 ft (6 m)
Maximum Speed	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)
STEERING AND SUSPENSION		
Tires and Rims	10” DOT radial tires and machined black honeycomb rims	10” DOT radial tires and machined black honeycomb rims
Steering System	Rack and pinion double output, self-compensated	Rack and pinion double output, self-compensated
Front Suspension	Double swing arm independent coil over shock	Double swing arm independent coil over shock
Rear Suspension	Longitudinal leaf spring + shock absorption	Longitudinal leaf spring + shock absorption
Service Brake	4-wheel hydraulic brake	4-wheel hydraulic brake
Parking Brake	Mechanical hand operated	Mechanical hand operated

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