

# 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, 8-Volt Deep Cycle

### STAR® Smart Lithium Batteries:

CP-2: (80Ah)

CP 2+2: (80Ah, 105Ah, 160Ah, 210Ah)

CP 2+2 Lifted and 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:

CP 4+2: (160Ah, 210Ah)

CP 4+2 Lifted, CP-6, & CP 6+2: (160Ah, 210Ah)

On-Board 48V / 18A Charge

Motor Shaft Direct Drive Train

### Brake System:

CP-2 and 2+2: Mechanical braking, rear drum

CP-4, 4+2, 6, 6+2: 4 wheel hydraulic brake

QDS™ Drive System with over temp protection

Front independent suspension

### Tires and Rims:

10" tires and Aluminum Alloy Rim (2, 2+2, 4 and 4+2)

12" tires and Aluminum Alloy Rim (2+2 and 4+2 Lifted)

10" 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

## COLOR OPTIONS



ARCTIC  
WHITE

CANDY  
APPLE RED

COASTAL  
BLUE

FOREST  
BLUE MIST

JET BLACK



CAPELLA 2

CAPELLA 2+2

CAPELLA 2+2 LIFTED



CAPELLA 4

CAPELLA 4+2

CAPELLA 4+2 LIFTED



CAPELLA 6

CAPELLA 6+2

# SPECIFICATIONS

	CP-2	CP-2+2	CP-2+2 LIFTED
<b>DIMENSIONS</b>			
Overall dimensions	95" L x 48.625" W x 74" H (241 cm x 124 cm x 188 cm)	124" L x 48.625" W x 79.25" H (315 cm x 124 cm x 201 cm)	124" L x 51" W x 82.5" H (315 cm x 130 cm x 210 cm)
Wheel base	65.7" (167 cm)	65.7" (167 cm)	65.7" (167 cm)
Front Wheel Track	36.7" (93 cm)	36.7" (93 cm)	40.5" (103 cm)
Rear Wheel Track	39.25" (100 cm)	39.25" (100 cm)	40.5" (103 cm)
Ground Clearance	4.8" (12 cm)	4.8" (12 cm)	6.7" (17 cm)
<b>BODY &amp; CHASSIS</b>			
Frame	Welded structural steel, powder coated	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	Injection molded plastic with automotive paint and finish
Roof	Plastic, extended, color-matched	Black Roof	Black Roof
<b>POWER</b>			
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	80Ah, 105Ah, 160Ah, 210Ah	105Ah, 160Ah, 210Ah
Speed Controller	350A AC Controller	350A AC Controller	350A AC Controller
Drive Train	Direct Drive with limited slip differential	Direct Drive with limited slip differential	Direct Drive with limited slip differential
<b>PERFORMANCE</b>			
Passengers	2	4	4
Curb Weight	1105 lbs (501 kg) w/ 6 x T875 Trojan Batteries	1233 lbs (559 kg) w/ 6 x T875 Trojan Batteries	1373 lbs (623 kg) w/ 6 x T875 Trojan Batteries
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)	10.17 ft (3.1 m)
Maximum Speed	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)
<b>STEERING AND SUSPENSION</b>			
Tires and Rims	10" tires and Aluminum Alloy Rim	10" tires and Aluminum Alloy Rim	12" tires and Aluminum Alloy Rim
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, rear drum	Mechanical braking, rear drum	Mechanical braking, rear drum
Parking Brake	Mechanical foot parking	Mechanical foot parking	Mechanical foot parking

Specifications are subject to change without notification.



# SPECIFICATIONS

	CP-4	CP-4+2	CP-4+2 LIFTED
<b>DIMENSIONS</b>			
Overall dimensions	124.75" L x 48.625" W x 76" H (317 cm x 124 cm x 193 cm)	152" L x 48.625" W x 77" H (386 cm x 124 cm x 196 cm)	152" 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)	95.3" (242 cm)
Front Wheel Track	36.7" (93 cm)	36.7" (93 cm)	40.5" (103 cm)
Rear Wheel Track	38.6" (98 cm)	38.6" (98 cm)	40.5" (103 cm)
Ground Clearance	4.8" (12 cm)	4.8" (12 cm)	6.7" (17 cm)
<b>BODY &amp; CHASSIS</b>			
Frame	Welded structural steel, powder coated	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	Injection molded plastic with automotive paint and finish
Roof	Black Roof	Plastic, extended, color-matched	Plastic, extended, color-matched
<b>POWER</b>			
Motor	5kW QDST™ AC Motor	5kW QDST™ AC Motor	5kW QDST™ 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	Direct Drive with limited slip differential	Direct Drive with limited slip differential	Direct Drive with limited slip differential
<b>PERFORMANCE</b>			
Passengers	4	6	6
Curb Weight	1474 lbs (669 kg) w/8 x T105 Trojan batteries	1602 lbs (727 kg) w/8 x T105 Trojan batteries	1691 lbs (767 kg) w/8 x T105 Trojan batteries
Load Capacity	800 lbs (363 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)
<b>STEERING AND SUSPENSION</b>			
Tires and Rims	10" tires with Aluminum Alloy Rim	10" tires with Aluminum Alloy Rim	12" tires with Aluminum Alloy Rim
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
<b>DIMENSIONS</b>		
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)
<b>BODY &amp; CHASSIS</b>		
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
<b>POWER</b>		
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	Direct Drive with limited slip differential	Direct Drive with limited slip differential
<b>PERFORMANCE</b>		
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)
<b>STEERING AND SUSPENSION</b>		
Tires and Rims	10" tires with Aluminum Alloy Rim	10" tires with Aluminum Alloy Rim
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

Specifications are subject to change without notification.

