

STYLE. PERFORMANCE. FUN.

# CAPELLA<sup>®</sup>



**CAPELLA 2+2 LIFTED**  
FOREST BLUE MIST

 **STAR<sup>®</sup>**

# A SHORTCUT TO YOUR HAPPY PLACE

Round up the kids for a day at the pool or beach; drop your foursome at the tee box or 19th hole; carpool to sporting events and neighborhood gatherings; enjoy an off-road adventure, or just cruise around town to take in the local sights. Whether you're putting, putting or putting on the mileage, it's all in good fun with a dependable all-new STAR CAPELLA®.



**CAPELLA 2**

Jet Black with striped premium seats



**CAPELLA 2+2**

Coastal Blue with color-matched premium seats



**CAPELLA 2+2**



## INTEGRATED TOUCHSCREEN DASHBOARD

CAPELLA's new digital dashboard display provides easy, at-a-glance reports on all systems, components, and conditions to enhance your driving experience. Informed by CAN bus automotive technology, CAPELLA's upgraded dashboard display keeps vital operating details in real time, in plain sight, and at your fingertips.



**CAPELLA 4**

Candy Apple Red with color-matched premium seats



**CAPELLA 4+2**

Forest Blue Mist with black premium seats

# ADVENTURE COMES WITH THE TERRITORY

Sure-footed and strong-bodied, the CAPELLA 2+2 LIFTED and CAPELLA 4+2 LIFTED sports an elevated ride height, ready for outdoor romps and off-road adventuring. Compact, yet spacious, and outfitted with all-terrain tires, fender flares, brush guards, bumpers, and baskets, CAPELLA pumps up the fun! In a CAPELLA, even your most challenging outdoor getaway becomes an uplifting experience. Just grab your gear, load up your pals, and head off into the wild. Your next real adventure awaits!



**Arctic White 2+2 Lifted**  
*with tan and black premium seats*



**Jet Black 2+2 Lifted**  
*with tan and black premium seats*



**Candy Apple Red 4+2 Lifted**  
*with color-matched premium seats*



**Coastal Blue 4+2 Lifted**  
*with color-matched premium seats*



**Forest Blue Mist 2+2 Lifted**  
*with black premium seats*

## CAPELLA LIFTED AVAILABLE OPTION:



### Clays Basket

Corral your tools, tackle, equipment, and supplies in CAPELLA's front-mount, perforated steel utility basket, especially designed and manufactured for use on lifted models.



**CAPELLA 2+2 LIFTED**  
FOREST-BLUE MIST

# CAPELLA STANDARD FEATURES



*Digital display with turn indicators*



*Headlights with integrated turn signals*



*Stylish durable bumper*



*Stylish standard rims and tires*



*Independent suspension with double A-arms*



*QDS™ Quiet Drive System with temperature protection*



*Premium automotive paint and color-matched roof*

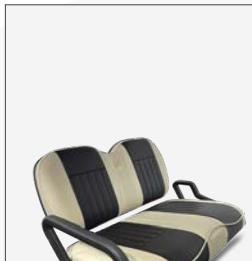


*On-board charger and tri-color indicator*

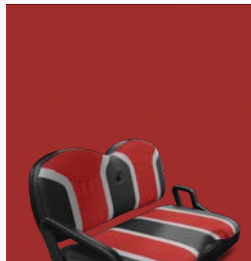
# CAPELLA STANDARD COLORS & SEAT OPTIONS

CAPELLA Premium Seat Cushions are designed for comfort and durability. Engineered for stability and ergonomic support, CAPELLA's premium seat kits cater to your every preference.

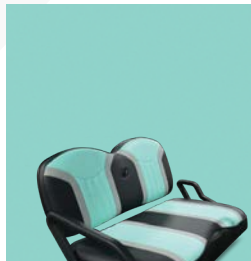
Colors for reference only



*Arctic White with tan and black premium seats*



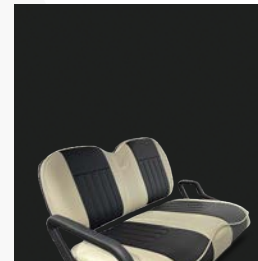
*Candy Apple Red with color-matched seats*



*Coastal Blue with color-matched seats*



*Forest Blue Mist with black premium seats*



*Jet Black with tan and black premium seats*



*Arctic White*



*Candy Apple Red*



*Coastal Blue*



*Forest Blue Mist*



*Jet Black*

# CAPELLA STREET LEGAL OPTION (LSV OPTION)

When you purchase a street-legal STAR EV, you can be sure it has been street legal all along; designed, built, and equipped specifically for street-legal operation with no additions or modifications required. Your street-legal Capella is 100% compliant with current Federal Motor Vehicle Safety Standards (FMVSS).

Where state and local ordinances impose additional requirements, we partner with STAR dealers and consumers to ensure complete compliance anywhere the road leads. Built from the beginning to follow the law, your STAR EV arrives road-tested and ready to hit the streets.

## KEY FEDERAL SAFETY REQUIREMENTS



*A windshield that conforms to the Federal Motor Vehicle Safety Standard (FMVSS) on glazing materials (49 CFR § 571.205).*



*A VIN that conforms to the requirements of part 565 Vehicle Identification Number.*



*Type 1 or Type 2 seat belts conforming with 49 CFR § 571.209 – installed at each designated seating position.*



*Low-Speed Vehicles (LSV) shall comply with the rear visibility requirements specified in 49 CFR § 571.111 – Standard No. 111; Rear visibility.*



*An alert sound as required by 49 CFR § 571.141 – Standard No. 141; Minimum Sound Requirements for Hybrid and Electric Vehicles.*



# OPTIONAL SMART LITHIUM

Drive smart, drive clean, drive sure: Zero emissions, rapid recharges, and recyclable. The safest lithium batteries on the planet are STAR-smart.

## ROBUST PERFORMANCE

From full charge to discharge, STAR Smart Lithium batteries deliver higher peak power for improved speed and acceleration. You get full power for a longer drive distance with no sacrifice in vehicle performance.

## HOW FAR DO YOU WANT TO GO?

The actual distance you can travel in an electric vehicle is determined by the load you put on the electric motor. Larger and heavier cars will use more energy. Lifted vehicles will use more energy because of the additional weight and larger tires. Adding passengers and uneven terrain will increase the load on the motor. The opposite is true as well. If you lighten the load on the vehicle, it will travel farther. The following ranges are based on a 2-passenger vehicle traveling on flat ground.



**SMART LITHIUM  
80Ah**

TRAVEL 15-25 MILES  
(24-40 km)



**SMART LITHIUM  
105Ah**

TRAVEL 30-40 MILES  
(48-64 km)



**SMART LITHIUM  
160Ah**

TRAVEL 45-60 MILES  
(72-97 km)



**SMART LITHIUM  
210Ah**

TRAVEL 60-80 MILES  
(97-129 km)

*\* Different passenger configurations and terrain will affect maximum travel distance.*



## SMART PHONE MONITORING

Check STAR-smart lithium battery's charge status coming and going, with STAR EV's new wireless energy-monitoring app. Verify input and output in real time, so there's no need to think twice when you're ready to ride.



iOS



ANDROID

	CAPELLA 2	CAPELLA 2+2	CAPELLA 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 (315cm x 130 cm x 210 cm)
Wheelbase	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</b>			
Frame	Welded structural steel, powder coated	Welded structural steel, powder coated	Welded structural steel, powder coated
Body	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	Plastic, extended, color-matched	Plastic, extended, color-matched
<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 (362 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/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	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.

	CAPELLA 4	CAPELLA 4+2	CAPELLA 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)
Wheelbase	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	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</b>			
Frame	Welded structural steel, powder coated	Welded structural steel, powder coated	Welded structural steel, powder coated
Body	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	Plastic, extended, color-matched	Plastic, extended, color-matched
<b>POWER</b>			
Motor	5kW QDS™ AC Motor	5kW QDS™ AC Motor	5kW QDS™ AC Motor
Batteries	8, 6-Volt Deep Cycle	8, 6-Volt Deep Cycle	8, 6-Volt Deep Cycle
Lithium Batteries	105Ah, 160Ah, 210Ah	160Ah, 210Ah	160Ah, 210Ah
Speed Controller	450A 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/Rim	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

\*Specifications are subject to change without notification.



STAR EV Corporation is headquartered in Greenville, South Carolina and manufactures street legal low-speed electric vehicles. We strive every day to deliver exceptionally engineered world class electric vehicles, and provide comfort, safety, and a superior driving experience.

