

STYLE. PERFORMANCE. FUN.

# CAPELLA



CAPELLA 4+2  
COASTAL BLUE

 **STAR**<sup>®</sup>

## THE 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, or just cruise around town to take in the local sights.

Whether you're putting, puttering or putting on the mileage, it's all in good fun with a dependable all-new STAR CAPELLA.



**CAPELLA 2**  
JET BLACK



**CAPELLA 4**  
CANDY APPLE RED



**CAPELLA 2+2**  
COASTAL BLUE

# CAPELLA STANDARD FEATURES



Digital display with  
turn indicators



Headlights with integrated  
turn signals



Stylish durable  
bumper



Stylish standard rims  
and DOT tires



Independent suspension  
with double A-arms



QDS™ Quiet Drive System  
with temperature protection



Premium automotive paint  
and color matched roof

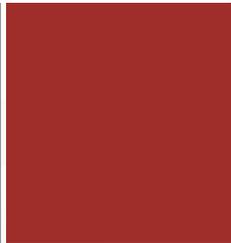


On-board charger and  
tri-color indicator

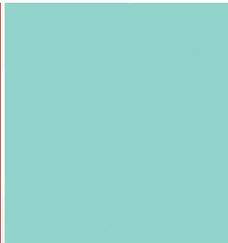
# CAPELLA STANDARD COLORS



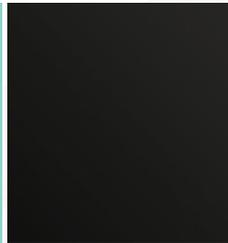
Arctic White



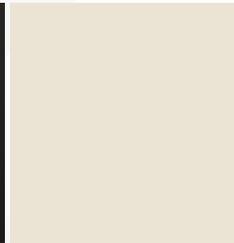
Candy Apple Red



Coastal Blue



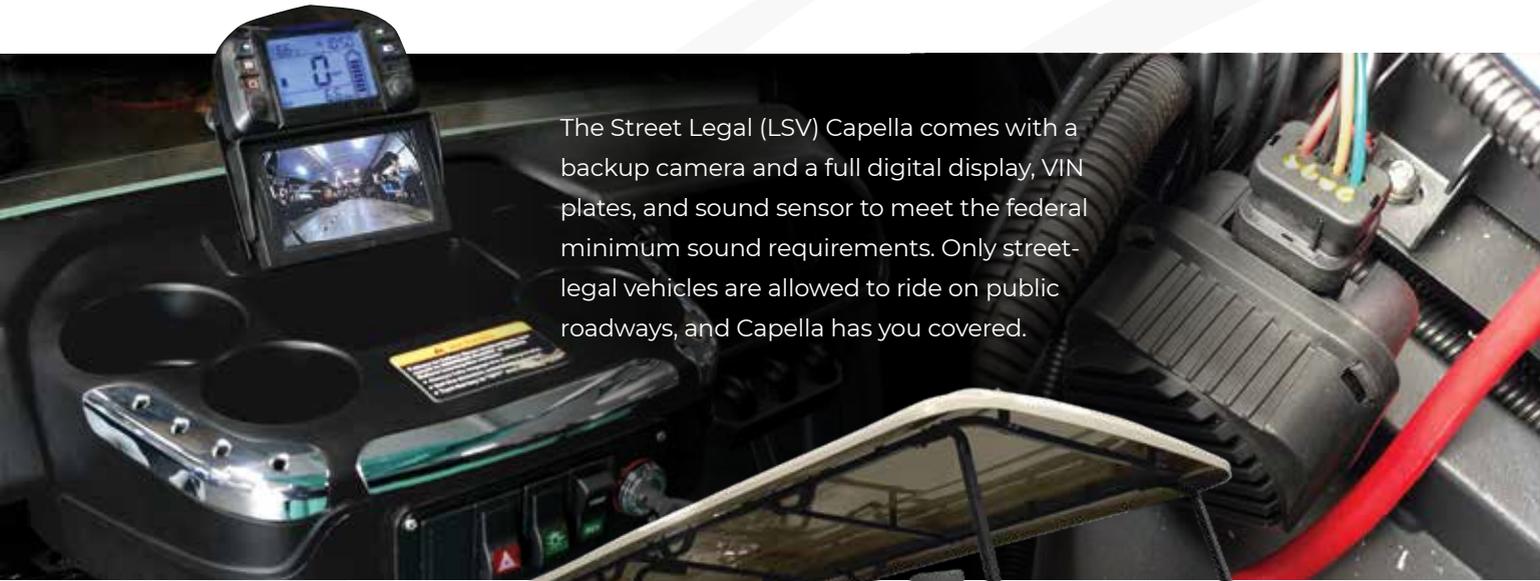
Jet Black



Sandstone Beige

Colors for reference only

# OPTIONAL STREET LEGAL PACKAGE



The Street Legal (LSV) Capella comes with a backup camera and a full digital display, VIN plates, and sound sensor to meet the federal minimum sound requirements. Only street-legal vehicles are allowed to ride on public roadways, and Capella has you covered.



## OPTIONAL SEATS

Designed for style, safety and durability and engineered for stability and ergonomic support, CAPELLA's premium seat kits cater to your every preference.



**CAPELLA 4+2**  
SANDSTONE BEIGE

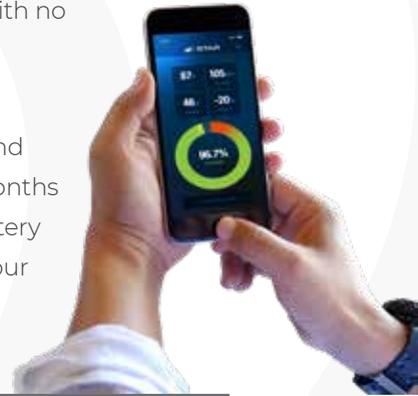
# SMART LITHIUM BATTERY SOLUTION

## 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 longer drive distance with no sacrifice in vehicle performance.

## HIGH CAPACITY, LONG LIFE

Maintenance-free STAR Smart Lithium batteries take a charge, hold a charge, and recharge 3,000+ times. With a low self-discharge rate, STAR batteries provide months of worry-free storage. The Android and iPhone Smart Lithium app monitors battery usage, voltage and temperature right from your phone. You can also connect your battery to your home wi-fi for proactive monitoring and software updates. STAR Smart Lithium batteries will always be ready when you are.



BATTERY	80 AH	105 AH	210 AH
2 Passenger Flat Ground Estimated Range*	15-25 Miles (24-40km)	30-40 Miles (48-64 km)	50-80 Miles (80-129 km)
Nominal voltage / capacity	48 Volt / 80 AH	48 Volt / 105 AH	48 Volt / 210 AH
Stored energy	3.84 kWh	5.04 kWh	10.08 kWh
Max Continuous Discharging Current	105 A	105 A	200 A
Max Discharge Current (10 sec)	350 A	350 A	480 A
Standard charging time	3-4 hours	5-6 hours	9-10 hours
Communication	CAN2.0B and RS485	CAN2.0B and RS485	CAN2.0B and RS485
Recommended operating temperature range	Discharge: -20-60° C Charge: 0-45° C	Discharge: -20-60° C Charge: 0-45° C	Discharge: -20-60° C Charge: 0-45° C
BMS Protections:	cell-level voltage temp over voltage, under voltage, over current	cell-level voltage temp over voltage, under voltage, over current	cell-level voltage temp over voltage, under voltage, over current

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

	CAPELLA 2	CAPELLA 2+2
<b>DIMENSIONS</b>		
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 80.25" H (307 cm x 124 cm x 204 cm)
Wheelbase	65.7" (167 cm)	65.7" (167 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</b>		
Frame	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
Roof	Plastic, extended, color-matched	Plastic, extended, color-matched
<b>POWER</b>		
Motor	48 Volt AC, 4kW w/thermistor	48 Volt AC, 4kW w/thermistor
Batteries	6, 8 Volt deep cycle	6, 8 Volt deep cycle
Speed Controller	350A AC controller	350A AC controller
Drive train	Motor shaft direct drive	Motor shaft direct drive
<b>PERFORMANCE</b>		
Passengers	2	4
Curb weight	1089 lbs (490 kg)	1244 lbs (560 kg)
Load capacity	800 lbs (360 kg)	800 lbs (360 kg)
Turning radius	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)
<b>STEERING AND SUSPENSION</b>		
Tires	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	Mechanical braking	Mechanical braking
Parking brake	Mechanical foot parking	Mechanical foot parking

\* Specifications are subject to change without notification.

	CAPELLA 4	CAPELLA 4+2
<b>DIMENSIONS</b>		
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)
Wheelbase	95.3" (242 cm)	95.3" (242 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</b>		
Frame	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
Roof	Plastic, extended, color-matched	Plastic, extended, color-matched
<b>POWER</b>		
Motor	48 Volt AC, 5kW w/thermistor	48 Volt AC, 5kW w/thermistor
Batteries	8, 6 Volt deep cycle	8, 6 Volt deep cycle
Speed controller	450A AC controller	450A AC controller
Drive train	Motor shaft direct drive	Motor shaft direct drive
<b>PERFORMANCE</b>		
Passengers	4	6
Curb weight	1378 lbs (620 kg)	1422 lbs (640 kg)
Load capacity	1156 lbs (520 kg)	1156 lbs (520 kg)
Turning radius	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)
<b>STEERING AND SUSPENSION</b>		
Tires	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

\* 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, providing comfort, safety and a superior driving experience.

