



SIRIUS[®]

Extraordinary Elegance

The all-new SIRIUS[®] from STAR EV[®] delivers extraordinary elegance, superior ride, and excellent driving experience.





SIRIUS®

SIRIUS is different by design. With more included features, more innovation, and more value, it's not hard to see what makes SIRIUS first in class.

FEATURE

Aluminum roof supports

BENEFIT

Maximum strength with the best corrosion resistance

FEATURE

Strong AC motor paired with eight 6V batteries for extended range

BENEFIT

The prescription to end Range Anxiety Disorder

FEATURE

QDS™ Drive System

BENEFIT

Conquer hills faster & quieter





FEATURE

Auto-style full color display

BENEFIT

Delivers easy-to-read critical status and operational information

FEATURE

Optimized storage including locking front trunk and glove box

BENEFIT

Convenience and organization

FEATURE

Custom designed street LED

BENEFIT

Boost visibility

FEATURE

Race-inspired chassis and double wishbone independent suspension

BENEFIT

Superior ride performance



Secure your items

Keep personal items secure with a locking trunk that doubles as a drain-able cooler. Spend more time enjoying the ride with comfort and convenience.



Enjoy a beverage

Enjoy a beverage without worrying about spills with accessible and sturdy drink holders.



Safety is measured

Enjoy the safety and luxury of self-canceling turn signals and ambient interior lighting.



Ergonomic control

Enjoy your experience with the seamless functionality and display of the automotive like controls.



Great illumination

Equipped with day time running lights.

High level suspension and chassis

For both on or off road capabilities enjoy the durability of the racing inspired suspension and chassis.



Speed Controls

Choose your desired speed with forward, reverse, slow and fast speed controls.

Secure valuables

Keep your valuables safe with this secured lock and key dash.



SIRIUS 4+2 with Flip Seat

Enjoy the Sirius 4+2 with flip seat for full passenger capabilities and exceptional ride.



OFF ROAD CAPABILITIES

Lifted 2+2 and 4+2 Sirius
gets you both ON & OFF ROAD easy!



SIRIUS 2+2 Lifted
with Brush Guard and Flip Seat



SIRIUS 2		SIRIUS 2+2		SIRIUS 2+2 LIFTED	
DIMENSIONS					
Overall	93" L x 47" W x 75" H	117" L x 47" W x 78" H	119" L x 51" W x 79.5" H		
Wheel base	66" (168 cm)	66" (168 cm)	66" (168 cm)		
Ground clearance	5.75" (14.6 cm)	5.75" (14.6 cm)	6.875" (17.46 cm)		
Wheel type	12" x 7" - 15mm Aluminum	12" x 7" - 15mm Aluminum	12" x 7" -43 mm Aluminum		
Tire size	20 x 9.0-12 DOT	20 x 9.0-12 DOT	23 x 10, 5-12 DOT		
Tire pressure	40 psi (280 kPa)	40 psi (280 kPa)	20 psi (138 kPa)		
BODY & CHASSIS					
Chassis	Welded tubular steel	Welded tubular steel	Welded tubular steel		
Body material	Plastic with Automotive paint	Plastic with Automotive paint	Plastic with Automotive paint		
Roof material	Plastic, injection molded	Plastic, injection molded	Plastic, injection molded		
Side rails	Aluminum	Aluminum	Aluminum		
POWER					
Battery system	8 x 6 V, Trojan T-105	8 x 6 V, Trojan T-105	8 x 6 V, Trojan T-105		
Motor power	4 kW AC with thermal protection	4 kW AC with thermal protection	4 kW AC with thermal protection		
Controller power	48 V, 350 A Curtis	48 V, 350 A Curtis	48 V, 350 A Curtis		
PERFORMANCE					
Passengers	2	4	4		
Top speed	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)		
Turning radius	10.5 ft (3.2 m)	10.5 ft (3.2 m)	10.5 ft (3.2 m)		
Load capacity	800 lbs (363 kg)	800 lbs (363 kg)	800 lbs (363 kg)		
Weight with batteries	1255 lbs (569 kg)	1402 lbs (636 kg)	1450 lbs (658 kg)		
Brake system	Rear Drum	Rear Drum	Rear Drum		
Drive train	Direct rear drive with 12.4:1 ratio	Direct rear drive with 12.4:1 ratio	Direct rear drive with 12.4:1 ratio		
STEERING AND SUSPENSION					
Steering system	3 spoke aluminum with self-canceling	3 spoke aluminum with self-canceling	3 spoke aluminum with self-canceling		
Steering Pack	Self compensated rack and pinion	Self compensated rack and pinion	Self compensated rack and pinion		
Front suspension	Adjustable coil over shock, independent	Adjustable coil over shock, independent	Adjustable coil over shock, independent		
Rear suspension	Adjustable coil over shock	Adjustable coil over shock	Adjustable coil over shock		

Specifications are subject to change without notification.

	SIRIUS 4	SIRIUS 4+2	SIRIUS 4+2 LIFTED
DIMENSIONS			
Overall	123" L x 47" W x 77" H	140" L x 47" W x 79" H	142" L x 51" W x 80.5" H
Wheel base	96" (244 cm)	96" (244 cm)	96" (244 cm)
Ground clearance	5.75" (14.6 cm)	5.75" (14.6 cm)	6.875" (17.46 cm)
Wheel type	12" x 7" - 15 mm Aluminum	12" x 7" - 15 mm Aluminum	12" x 7" - 43 mm Aluminum
Tire size	20 x 9.0-12 DOT	20 x 9.0-12 DOT	23 x 10.5 - 12 DOT
Tire pressure	40 psi (280 kPa)	40 psi (280 kPa)	20 psi (138 kPa)
BODY & CHASSIS			
Chassis	Welded tubular steel	Welded tubular steel	Welded tubular steel
Body material	Plastic with Automotive paint	Plastic with Automotive paint	Plastic with Automotive paint
Roof material	Plastic, extended, color matched	Plastic, extended, color matched	Plastic, extended, color matched
Side rails	Aluminum	Aluminum	Aluminum
POWER			
Battery system	8 x 6 V, Trojan T-105	8 x 6 V, Trojan T-105	8 x 6 V, Trojan T-105
Motor power	5 kW AC with thermal protection	5 kW AC with thermal protection	5 kW AC with thermal protection
Controller power	48 V, 450 A Curtis	48 V, 450 A Curtis	48 V, 450 A Curtis
PERFORMANCE			
Passengers	4	6	6
Top speed	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)	19.5 mph (25 mph if LSV)
Turning radius	15 ft (4.6 m)	15 ft (4.6 m)	15 ft (4.6 m)
Load capacity	1000 lbs (454 kg)	1000 lbs (454 kg)	1000 lbs (454 kg)
Weight with batteries	1430 lbs (650 kg)	1550 lbs (703 kg)	1600 lbs (726 kg)
Brake system	4 wheel hydraulic, front disk, rear drum, foot activated multi click parking brake	4 wheel hydraulic, front disk, rear drum, foot activated multi click parking brake	4 wheel hydraulic, front disk, rear drum, foot activated multi click parking brake
Drive train	Direct rear drive with 12.4:1 ratio	Direct rear drive with 12.4:1 ratio	Direct rear drive with 12.4:1 ratio
STEERING AND SUSPENSION			
Steering system	3 spoke aluminum with self-canceling	3 spoke aluminum with self-canceling	3 spoke aluminum with self-canceling
Steering Pack	Self compensated rack and pinion	Self compensated rack and pinion	Self compensated rack and pinion
Front suspension	Adjustable coil over shock, independent	Adjustable coil over shock, independent	Adjustable coil over shock, independent
Rear suspension	Adjustable coil over shock, trailing arm	Adjustable coil over shock, trailing arm	Adjustable coil over shock, trailing arm

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STANDARD COLORS



Basque Red Pearl



Carbon Flash Metallic



Torch Red



White Diamond Pearl

OPTIONAL COLORS *available Mid 2019*



Desert Bloom Metallic



Indigo Blue



Light Argent Metallic



Ocean Mist Metallic

FEATURES AND UPGRADES

VEHICLE STANDARD FEATURES		
Four year limited warranty, two year bumper-to-bumper warranty (less wear items) •	LED headlights with high beams, taillights, brake lights, self-canceling turn signals, daytime running lights, reverse light.	Detailed full-color display: speedometer, odometer, and battery indicator (back-up camera ready)
Rear view mirrors with turn signal indicators on both sides	Electronic locking front trunk	Eight 6 V (48 V) batteries
QDS™ Drive System	USB 12 V standard accessory outlet	Adjustable seat backs
Curtis AC controller with custom programming	Console with ambient dash lighting	Lockable glove box door
Horn and reverse beeper	Folding tinted windshield	High/Low speed switch
OPTIONAL EQUIPMENT		
Sirius Unique Key	Wiper (one piece glass windshield required)	Sirius one piece windshield
Illuminated license plate holder	Industrial LED strobe light	Rear LED brake light bar
LSV (NEV) street legal package	Back-up camera	2-in-1 combo seat
14" tires and rims	Premium seats	Custom paint
Mud Flaps	Enclosures	Club protector
* See printed warranty in the SIRIUS® Owner's Manual for details.		

Our team strives to be the most innovative designer and manufacturer of environmentally friendly vehicles, related attachments, and accessories that enhance comfort and lifestyle. STAR EV is based just outside the booming town of Greenville, South Carolina.





SIRIUS®



STAR Electric Vehicles® a brand of JH Global Services, Inc.

378 Neely Ferry Road Simpsonville, SC 29680, USA

Phone: (864) 297-8833 Toll Free: (888) 878-9988 www.starev.com