

EV STAR

MOBILITY PLUS



Transportation **EV**olved

All-Electric ⚡ Purpose-Built ⚡ Zero-Emission

CHARGING



Dual (AC/DC)
Level-2, J1772, up to 19.2 kW AC, ~8 hrs
DCFC, CCS-1, 60 kW, ~2 hrs
Wireless DC (option), 60 kW, ~2 hrs



RANGE

Up to 150 miles



BATTERY

118 kWh



SEATING CAPACITY

Up to 24 passengers + driver
ADA compliant (option)



GreenPower
MOTOR COMPANY

USA 833-274-5144
Canada 604-563-4144
GreenPowerMotor.com
Sales@GreenPowerMotor.com

EV STAR MOBILITY PLUS TECHNICAL DATA

CLASSIFICATION

Class 4

GVWR

14,330 lbs.

PAYLOAD CAPACITY *

Up to 4,000 lbs.

LENGTH

25 ft.

WIDTH

92 in.

EXTERIOR HEIGHT

125 in.

INTERIOR HEIGHT

79 in.

WHEELBASE

170 in.

APPROACH & DEPARTURE ANGLES

15 degrees (front), 15 degrees (rear)

FRAME / BODY/ ROOF

Steel / Aluminum / Composite

WHEELCHAIR LIFT

BraunAbility side lift (option)

WHEELCHAIR SECUREMENTS

Up to 2 Q'STRAIT securement locations (option)

PASSENGER DOOR

Electric

TIRES

215 / 75R / 17.5 (qty. 6)

EMERGENCY EXITS

Hatch, window, door

HVAC

39,239 BTU/h, front, rear, electric

ECU COMMUNICATION

CAN BUS, J1939

BATTERY CHEMISTRY

LiFePo4

BATTERY VOLTAGE

576 V

BATTERY CAPACITY

118 kWh

RANGE *

Up to 150 miles

FUEL ECONOMY *

48 mpge, 0.88 kWh/mi, 1.1 mi/kWh

TOP SPEED

68 mph

MOTOR

Dana tm4

MOTOR POWER

150 kW max

TRANSMISSION

Direct drive, no transmission

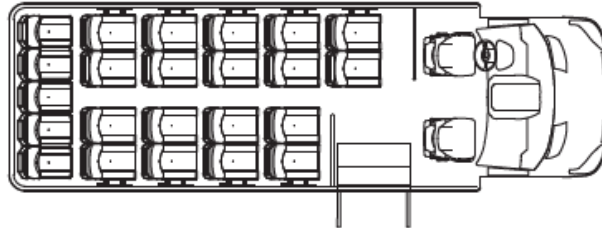
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①

Max Seating

-24 passengers + driver

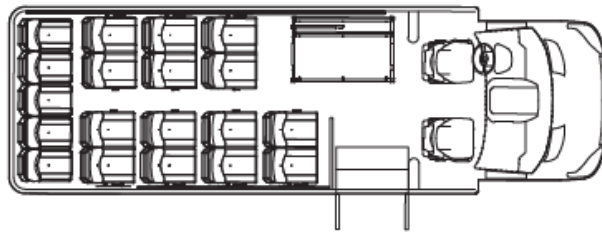


②

Max Storage

-19 passengers + driver

-Rear storage area

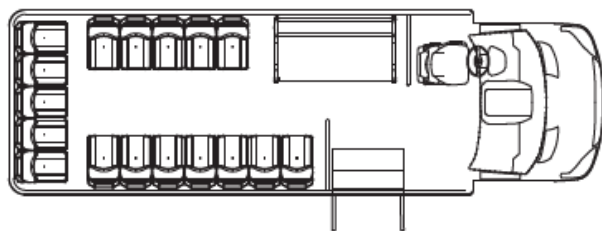


③

Front Facing

-20 passengers + driver

-Luggage rack

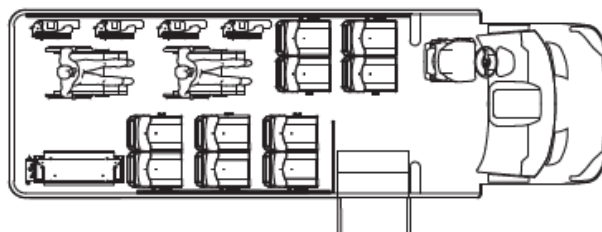


④

Perimeter Seating

-17 passengers + driver

-Luggage rack



⑤

Side ADA

-18 ambulatory passengers + driver

-2 wheelchair positions

*Specifications can vary by region, application and availability.

Disclosure: No representation or warranty is expressly or impliedly given as to its accuracy, completeness or correctness.

The all-electric, purpose-built EV Star Mobility Plus has established the new standard of performance, safety and sustainability for the shuttle and transit space.

What Sets the EV Star Mobility Plus Apart

All-Electric EV Star Mobility Plus

- ☞ Purpose-built on the EV Star Cab & Chassis platform to be an electric vehicle.
- ☞ Lightweight body construction allowing for flexibility in seating configuration.
- ☞ Vented HVAC system throughout vehicle.
- ☞ Single manufacturing entity for ease of warranty claims, service and overall customer experience.

Other Electric Transit Buses

- Conversion vehicles not designed as electric vehicles from ground up.
- Lacks versatility and flexibility in passenger seating.
- Stand-alone HVAC system creating hot pockets.
- Multiple manufacturers for different vehicle parts.



BraunAbility lift and Q'STRAIT securements optional.

BraunAbility side parallel arm ADA wheelchair lift.

- ☞ Engineered for long-term durability and reliability.
- ☞ NHTSA approved
- ☞ Easy service and repair.

Q'STRAIT wheelchair securements.

- ☞ Providing the same transportation standard for wheelchair passengers as ambulatory passengers.
- ☞ Ensures safety and reliability for wheelchair passengers.
- ☞ Gold standard in wheelchair securement.

GreenPower EV Star Mobility Plus Warranty

GREENPOWER MOTOR COMPANY WARRANTS EACH ALL-ELECTRIC, PURPOSE-BUILT EV STAR MOBILITY PLUS TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP UNDER NORMAL USE AND SERVICE WITHIN THE LIMITS IDENTIFIED BELOW*:

- ☞ Structure and body integrity against corrosion — five years.
- ☞ Chassis structure — three years/250,000 miles.
- ☞ Body and window frames against leakage — two years.
- ☞ Drivetrain — three years/150,000 miles.
- ☞ High-voltage battery system — five years/100,000 miles.
- ☞ Basic body structure — three years.
- ☞ HVAC system — one year.
- ☞ Exterior paint — one year.
- ☞ Complete vehicle — one year.
- ☞ Wheelchair lift system (*if equipped*) — two years.

*Warranty can vary by region, application and availability.

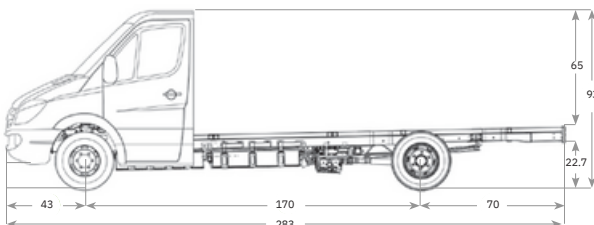
EV STAR

CAB & CHASSIS



The all-electric GreenPower Motor Company proprietary EV Star Cab & Chassis was designed to take on any mid and last-mile delivery while maintaining the benefits of being a zero-emissions vehicle. It is purpose-built to be an electric vehicle and is designed to accommodate a multitude of upfits or bodies for different use cases. With a carrying capacity of 7,000 pounds and a range of up to 150 miles, the GreenPower EV Star Cab & Chassis is the perfect vehicle for any fleet. Its clean sheet design approach facilitates optimal battery pack placement and weight distribution, allowing the vehicle to accommodate a larger energy supply, deliver a longer range and set the new standard for zero-emission goods and people transportation.

- ☑ Proven reliability and efficiency in a wide variety of operational settings with more than 500 deliveries in North America.
- ☑ The EV Star Cab & Chassis is the foundation for the EV Star Passenger Van, a vehicle that passed the FTA Altoona Bus Testing program with one of the highest scores ever recorded, an achievement that shows the safety, strength and durability of the underlying chassis and running gear.
- ☑ Dual port charging as a standard feature. Wireless charging available as an option.
- ☑ Optimal battery placement to maximize payload and provide for a low center of gravity.



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RANGE
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BATTERY
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CARRYING CAPACITY
 7,000 lbs

4/24 REVISION



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