

AFFORDABLE, SAFE AND SUSTAINABLE TRANSPORTATION



GreenPower Motor Company is a zero-emissions bus manufacturer that offers a full line of battery electric vehicles that cater to the transportation needs of public transit agencies, school districts, and the private sector. We've built our electric buses to perform at the highest level and meet the needs of even the most demanding transit agencies. We understand the significance of life-cycle savings and the importance of reducing emissions. Our vehicles are always built from a clean sheet design with safety and reliability in mind.

Our Synapse Shuttle electric bus deploys the latest electric drive and battery technologies that is combined with a monocoque chassis for ultimate durability and performance. The result is a vehicle that sets a new standard for the transit industry.



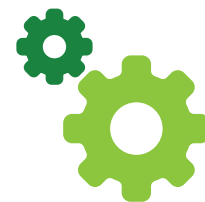
Fuel Savings

By using the total cost of ownership multi use application, shuttle operators can save between \$12,000 and \$20,000 per year on diesel fuel costs alone by switching to the Synapse Shuttle.



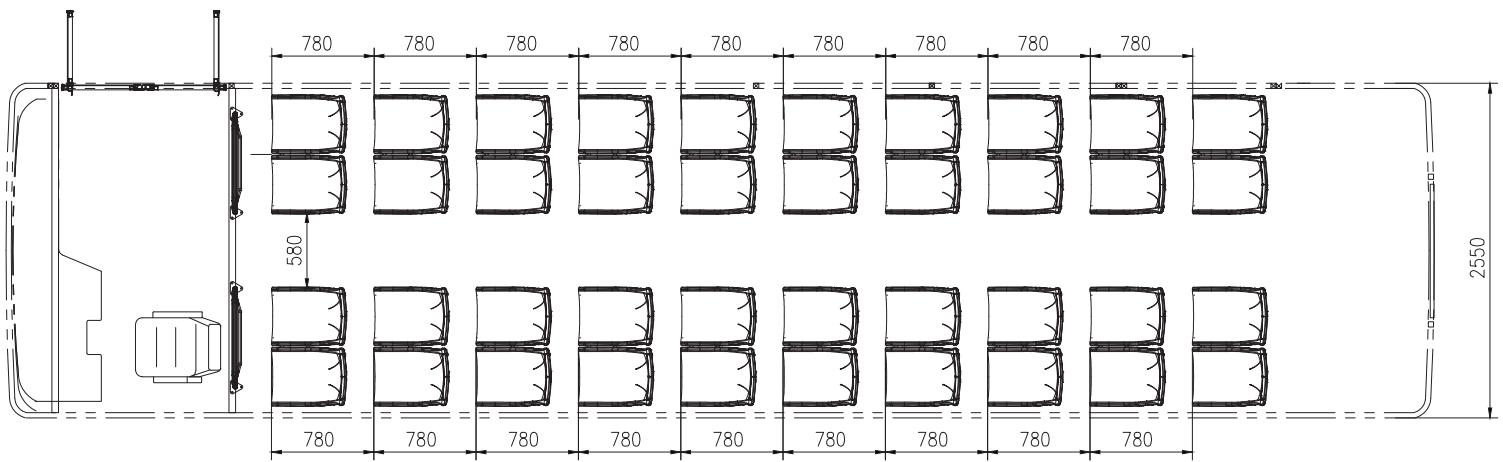
Maintenance and Inventory Savings

All electric buses requires less maintenance and parts inventory than a diesel, CNG, or hybrid bus, resulting in more savings for your district.



Trusted Components

This all-electric shuttle bus is built with select US and European suppliers such as Siemens, ZF, and I/O. The end result is a bus that raises the bar in quality, performance, and safety.



SYNAPSE SHUTTLE SPECIFICATIONS

GENERAL SPECIFICATIONS

Length	36.5 ft.
Width	102 in.
Height	10 ft.
Seats	Up to 44
Battery Size	200 kWh
Range	140 Miles
Drive Motor	TM4/Prestolite
Battery System & BMS	Li Ion (NMC or Li Fe PO ₄)
Axles	ZF
Suspension	Neway/Knorr
Brakes	Knorr/Bendix (Regenerative braking)
Air Conditioning	Electric 132,000 BTU
Life Cycle	Design and build to exceed 20 years
Top Speed	65 mph electronically limited

ELECTRICAL COMPONENTS

Defroster	Straight strip outlets
Interior Lights	LED
Audio / PA System	REI
12V Lighter Jack	Fitted to driver's console
Rear Radar Sensor & VDT	Optional
Data Recorder	Siemens/Dinex
Surveillance System	Optional

CHASSIS COMPONENTS

Axle & Suspension	Front: 18,700lbs with Knorr disc brakes Rear: 28,600lbs with Knorr disc brakes Full air ride suspension standard
Steering System	ZF8098
Fittings	TECTRAN
Tires	Michelin 275/80R 22.5
Rims	8.25X22.5

INTERIOR COMPONENTS

Driver's Seat	Isringhausen
Driver's Window	Sliding type
Interior Rear View Mirror	XKD J3
Interior Side Lining	Grey Formica 3.0mm 0927 PP3 gloss finish, window sill & pillar with plastic covers
Interior Roof Lining	Grey Formica 3.0mm 0927 PP3 gloss finish with matching headers. Aluminum vent silver gray. Fiberglass front, middle & rear roof header.
Flooring	Composite
Driver's Side Blind	Manual

EXTERIOR COMPONENTS

Mirrors	Top mounted (KW-28) Flat Mirror/Roscoe
Wiper	DOGA
Front Door	Glide type
Side Glass	Bonded
Front Windshield	2-piece Windshield
Front and Rear Bumper Bars	Metal integrated into chassis
Wheelchair Lifts Available	

Meets or exceeds all FMVSS requirements