BEAST



Transportation EVolved

All-Electric Purpose-Built Zero-Emission

PURPOSE-BUILT
TYPE D SCHOOL BUS

CHARGING
Dual (AC/DC)
Level-2, J1772, 19.2 kW, 220 V, ~8 hrs
DCFC, CCS-1, 85 kW, ~2 hrs
Wireless DC (*option*), 60 kW, ~3 hrs

RANGE
Up to 150 miles

BATTERY
194 kWh

SEATING CAPACITY
Up to 90 passengers
Lift equipped *(option)*

GreenPower
MOTOR COMPANY

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GreenPowerMotor.com
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BEAST TECHNICAL DATA

CLASSIFICATION
Class 8, Type D

MOTOR
Dana tm4 PMSM

GVWR
42,990 lbs.

PAYLOAD CAPACITY *
13,790 lbs.

AXLE WEIGHT LOAD RATING
Front: 15,660 lbs. | Rear: 28,660 lbs.

LENGTH ③
40 ft.

WHEELBASE ④
240.15 in.

OVERHANG ⑤
104.5 in. (front), 128 in. (rear)

APPROACH & DEPARTURE ANGLES ⑥
8.4 degrees (front), 7 degrees (rear)

WIDTH ②
102 in.

EXTERIOR HEIGHT * ①
138.5 in.

INTERIOR HEIGHT
74 in. or 78 in.

TIRES
12R / 80R / 22.5 (qty. 6)

TURNING RADIUS
37.7 +/- 1.6 ft. (outside body)

SUSPENSION
Front and rear air ride suspension

PASSENGER DOOR
Electric, 36 in. wide, 34 in. opening

EMERGENCY EXITS
Hatch, window, door

WHEELCHAIR ACCESSIBILITY
BraunAbility lift *(option)*

HVAC
75,000 BTU/h, front, rear, electric

SEAT
IMMI 39 in. school bus seats

FLOORING
Gerflor anti-slip transit-style flooring

FLOOR TRACKING
Floor tracking throughout passenger cabin

ECU COMMUNICATION
CAN BUS, J1939

SEATING CONFIGURATION *
Front facing bench seating, 15 rows, 2 benches per row, 3 seats per bench

MAX SEATING CAPACITY
90 passengers

STORAGE
Largest pass-through storage compartment

BATTERY
Voltage: 614 V, Chemistry: LiFePo4

BATTERY CAPACITY
194 kWh, 6 total packs

RANGE *
Up to 150 miles

FUEL ECONOMY *
23 mpge, 1.5 kWh/mi, 0.67 mi/kWh

TOP SPEED
68 mph

MOTOR POWER
350 kW max

TRANSMISSION
Direct drive, no transmission

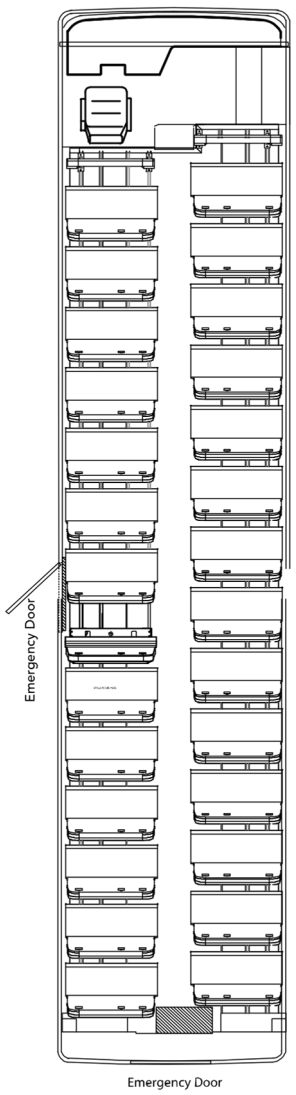
BRAKES
Full ABS disc brakes

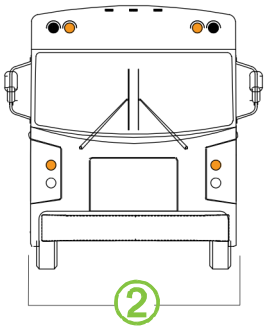
FRAME CONSTRUCTION
Steel, Truss

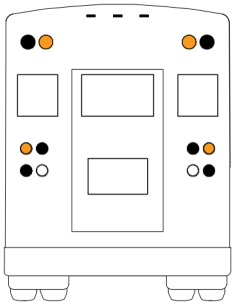
BODY CONSTRUCTION
Constellium Aluminum

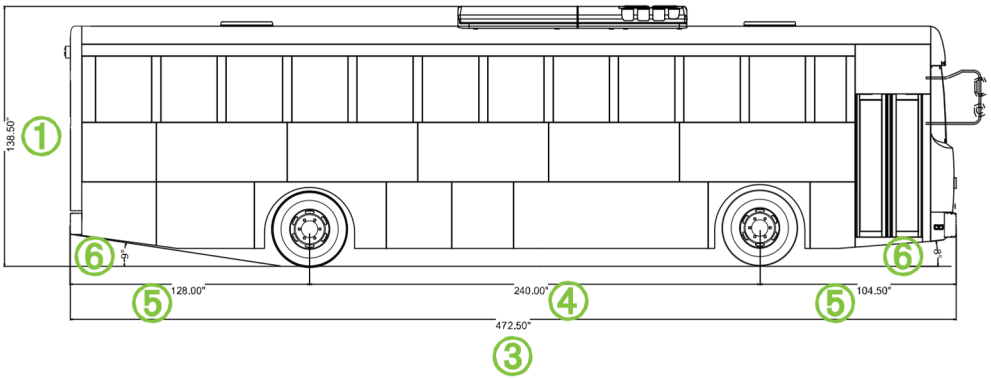
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84 Seating









*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.

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The all-electric, purpose-built BEAST has established the new standard of performance, safety and sustainability in the school bus market.

What Sets the BEAST Apart

BEAST All-Electric School Bus

- Purpose-built to be an electric vehicle.
- Built on a high strength steel Truss (bus) chassis.
- Body is integrated on chassis as a unitized structure.
- Higher floor keeps passengers out of crash zone.

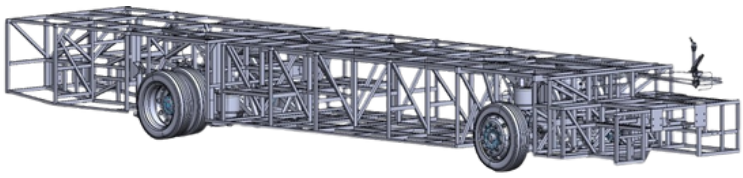
Other Electric School Buses

Retrofitted from diesel to electric causing safety and weight issues.

Built on century old ladder truck chassis technology.

Fastened to chassis which promotes body separation.

Low floor puts passengers at risk.



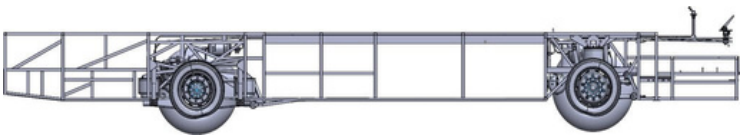
BEAST Truss (bus) Chassis

What is the BEAST Vehicle Structure:

- A vehicle structure in which the chassis is integral with the body.
- Safer than other chassis due to its cage-like superstructure construction.
- A steel space frame forms a strong and lightweight lattice composite structure.
- Strongest form of structure available.
- Better use of space allows for maximized efficiency of interior passenger space.
- Better use of space allows for improved component placements and easier maintenance.
- Complete flat floor design with no wheel wells allows floor tracking with no obstacles.

Integrated Aluminum Body

The BEAST features a seamlessly integrated aluminum body made from extruded aluminum manufactured by Constellium, a global manufacturer of aluminum rolled products, extruded products and structural parts based on a large variety of advanced alloys. Constellium primarily serves the aerospace, automotive and packaging sectors.



Side Profile BEAST Truss (bus) Chassis

GreenPower BEAST Warranty

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

- High-voltage battery system — eight years/200,000 miles.
- Electric powertrain — five years/100,000 miles.
- Axle assembly — four years/50,000 miles.
- Basic body shell & Chassis frame — three years.
- HVAC system — three years/36,000 miles.
- School bus passenger and driver windows — two years.
- Suspension system — two years/24,000 miles.
- Complete bus — one year.

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