

NANO BEAST



Transportation EVolved
All-Electric  Purpose-Built  Zero-Emission

CHARGING



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



RANGE

Up to 140 miles



BATTERY

118 kWh



SEATING CAPACITY

Up to 24 passengers

**PURPOSE-BUILT
TYPE A SCHOOL BUS**



GreenPower
MOTOR COMPANY

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Canada 604-563-4144
GreenPowerMotor.com
Sales@GreenPowerMotor.com

11/24 REVISION

NANO BEAST TECHNICAL DATA

CLASSIFICATION

Class 4, Type A

MOTOR

Dana tm4 PMSM

GVWR

14,330 lbs.

LENGTH ①

25 ft.

WIDTH ②

92 in.

WHEELBASE ④

170.25 in.

APPROACH & DEPARTURE ANGLES * ⑤

15 degrees (front), 15 degrees (rear)

EXTERIOR HEIGHT ③

110 in., 125 in. overall

INTERIOR HEIGHT

79 in.

FRAME / BODY/ ROOF

Steel / Aluminum / Composite

TIRES

215 / 75R / 17.5 (qty. 6)

PASSENGER DOOR

Electric

EMERGENCY EXITS

Hatch, window, entry door, rear door

HVAC

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

FLOORING

Gerflor anti-slip transit style flooring

FLOOR TRACKING

Floor tracking throughout passenger cabin

ECU COMMUNICATION

CAN BUS, J1939

SEATING CONFIGURATION *

IMMI 36 in. wide school bus seats, front facing

MAX SEATING CAPACITY *

24 Passengers

BATTERY CHEMISTRY

LiFePo4

BATTERY VOLTAGE

576 V

BATTERY CAPACITY

118 kWh

RANGE *

Up to 140 miles

FUEL ECONOMY *

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

TOP SPEED

68 mph

MOTOR POWER

150 kW max

TRANSMISSION

Direct drive, no transmission

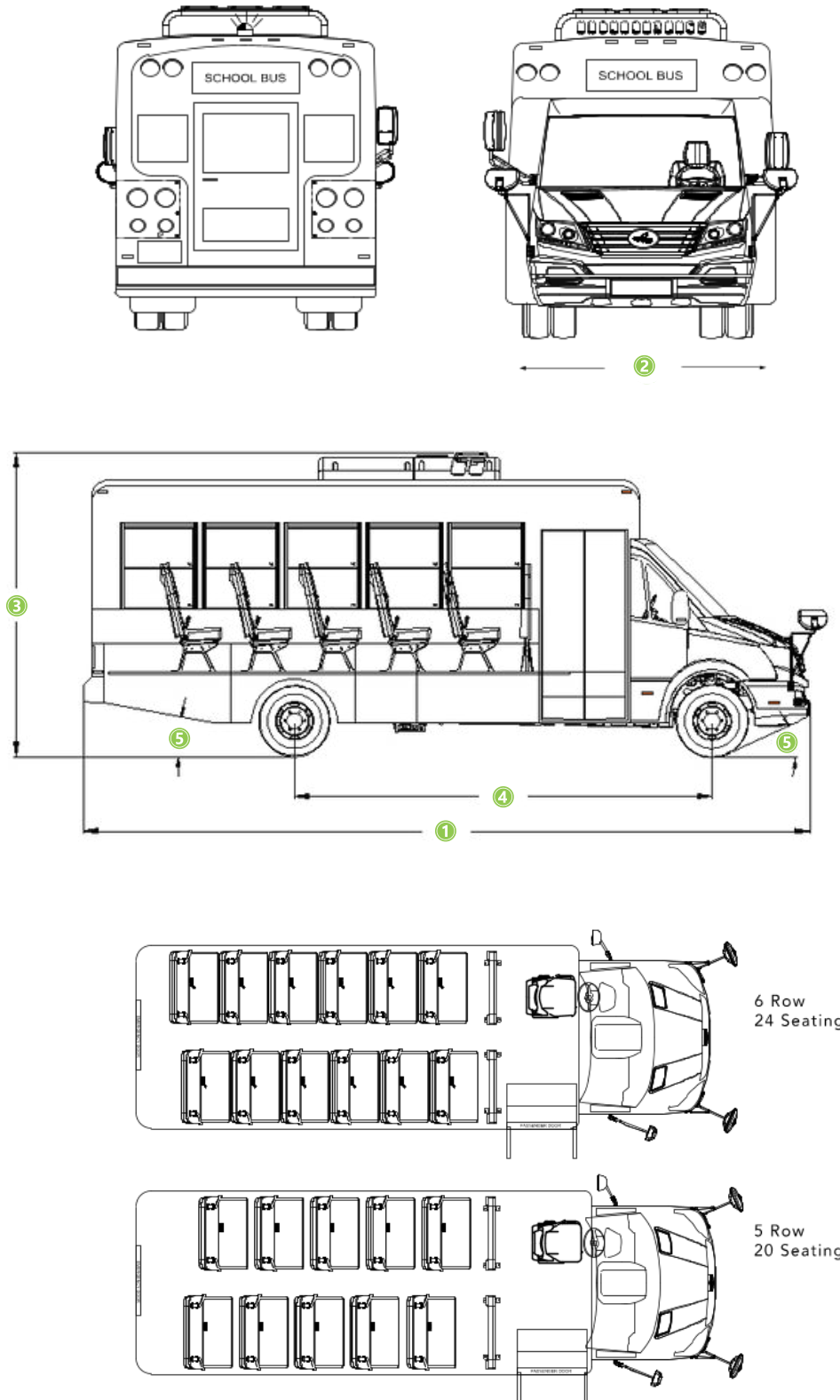
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*Specifications can vary by region, application and availability.

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

11/24 REVISION

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

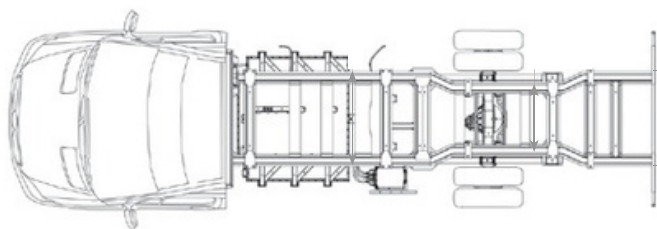
What Sets the Nano BEAST Apart

Nano BEAST All-Electric School Bus

- ✔ Purpose-built on the EV Star platform to be an electric vehicle.
- ✔ Vented HVAC system throughout vehicle.
- ✔ Single manufacturing entity for ease of aftermarket support and enhanced overall customer experience.

Other Type A Electric School Buses

Conversion vehicles not designed as electric vehicles from ground up.
Stand-alone HVAC system creating hot pockets.
Multiple manufactures for different vehicle parts and service warranty.



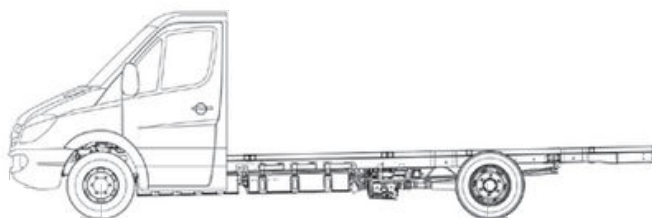
Overhead Nano BEAST Chassis (purpose-built on the EV Star Cab & Chassis platform)

Nano BEAST Purpose-Built on the EV Star Cab & Chassis Platform:

- ✔ Proven reliability and efficiency in a wide variety of operational settings with more than 500 deliveries in North America.
- ✔ Chassis and running gear passed the FTA Altoona Bus Testing program with one of the highest scores ever achieved.
- ✔ Full length flat floor for mobility and ease of seat configuration.
- ✔ Dual port charging as a standard feature. Wireless charging available as an option.
- ✔ Optimal battery placement to maximize interior space and provide for a low center of gravity.

Integrated Aluminum Body

The Nano 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 Nano BEAST Chassis (purpose-built on the EV Star Cab & Chassis platform)

GreenPower Nano BEAST Warranty

GREENPOWER MOTOR COMPANY WARRANTS EACH ALL-ELECTRIC, PURPOSE-BUILT NANO BEAST SCHOOL BUS 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.
- ✔ High-voltage battery system — five years/150,000 miles.
- ✔ Chassis structure — three years/250,000 miles.
- ✔ Drivetrain — three years/150,000 miles.
- ✔ Basic body structure — three years.
- ✔ Body and window frames against leakage — two years.
- ✔ Wheelchair lift system (Access option) — two years.
- ✔ HVAC system — one year.
- ✔ Exterior paint — one year.
- ✔ Complete bus — one year.

*Warranty can vary by region, application and availability.