

BEAST

BATTERY ELECTRIC AUTOMOTIVE SCHOOL TRANSPORTATION

A Purpose-Built Type D School Bus



PURPOSE BUILT



RANGE
140 MILES



BATTERY SIZE
194 KWH



CHARGING
J1772, 19 KW AC
CCS-1, 85 KW DCFC
WIRELESS, 60 KW



SEATING CAPACITY
Up to 90 passengers
Lift Equipped *optional

TECHNICAL DATA

CLASSIFICATION

Heavy-duty class 8, Type D

GVWR

42,990 lbs.

PAYLOAD CAPACITY *

13,790 lbs.

AXLE WEIGHT LOAD RATING

Front: 14,330 lbs., Rear: 24,250 lbs.

LENGTH ③

40 ft.

WHEELBASE ④

240.15 inches

OVERHANG ⑤

104.5 (front), 128 inches (rear)

APPROACH & DEPARTURE ANGLES ⑥

8 (front), 9 degrees (rear)

WIDTH ②

102 inches, widest in the industry

HEIGHT * ①

138.5 inches

TIRES

295 / 80R / 22.5 (qty. 6)

TURNING RADIUS

37.7 +/- 1.6 ft (outside body)

SUSPENSION

Air ride suspension

PASSENGER DOOR

Electric, 36in wide, 34 in opening

EMERGENCY EXITS

Hatch, window, door

ADA

Wheelchair accessibility optional

HVAC

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

ECU COMMUNICATION

CAN BUS, J1939

CHP CERTIFIED

CARB CERTIFIED

SEATING CONFIGURATION * ⑦

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

MAX SEATING CAPACITY (w/driver)

Up to 90 Passengers

STORAGE

Full pass-through storage compartment

BATTERY

Voltage: 614 V, Chemistry: LiFePo4

BATTERY CAPACITY

194 kWh, 6 total packs

RANGE *

140 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 / BODY / ROOF

Steel, Monocoque

DESIGN LIFE

10 years

LCFS EER VALUE * †

HDV, 5.0 EER, 1 credit every 740 kWh

CHARGING * (AC/DC)

LEVEL-2, J1772

19 kW, 220v, 10.5 hrs

DCFC, CCS-1

85 kW, 3 hrs

WIRELESS DC * (optional)

85 kW, 3 hrs

VEHICLE VOUCHER REBATES *

Email: grants@greenpowermotor.com

HVIP BASE VOUCHER †

\$120K, DAC+15%, School+65%

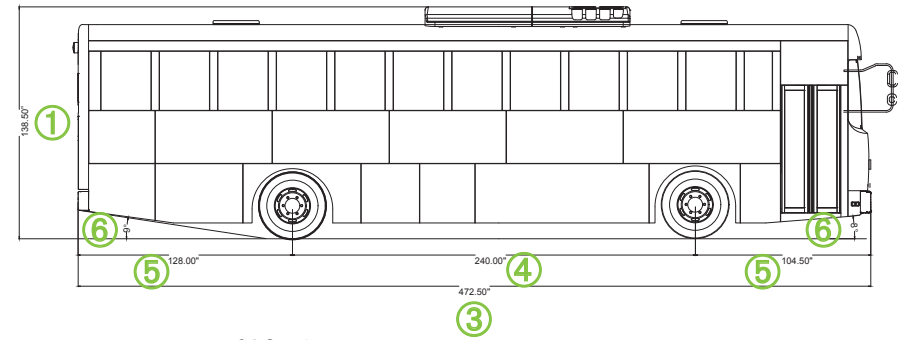
VW MITIGATION *

75% - 100%

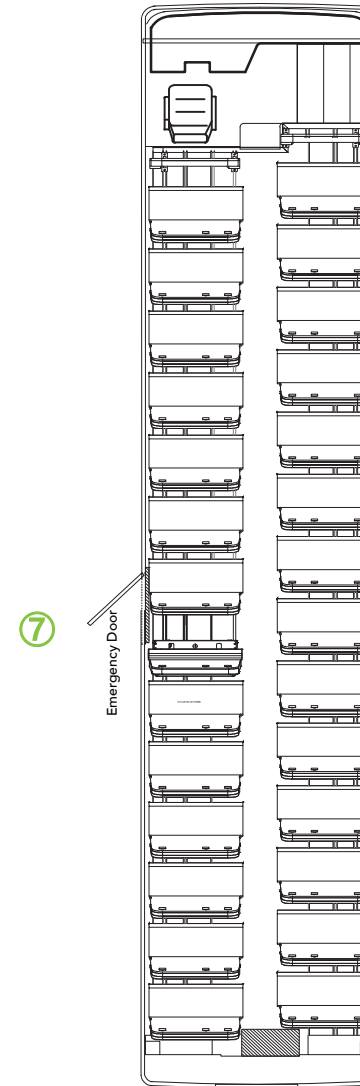
† California region only

* Specification can vary
by region, application, availability

LAYOUT DIMENSIONS & SEATING



84 Seating



Emergency Door

