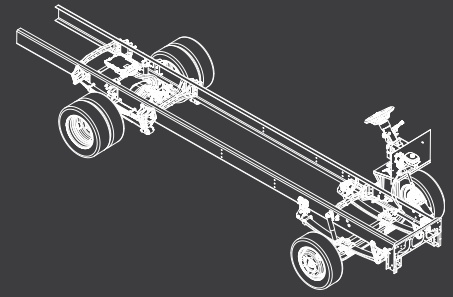


BLUE BIRD CLASS 5-6 ELECTRIC CHASSIS CONCEPT

Built to standard for
Safety, Durability and Reliability



KEY SPECIFICATIONS

Blue Bird, the leader in electric and low-emission school buses, is introducing an all-new, all-electric Class 5-6 EV custom chassis. This custom chassis combines performance with enhanced EV technology that can be built from the ground-up with our customer in mind. Applications include last mile delivery step vans, motorhomes, and other specialty vehicles, all on a high-performing and low-maintenance platform. This chassis offers an impressive list of customizable options that meet or exceed industry standards.

Performance

Operates with a nominal voltage of 630-650 VDC

Size

Class 5 & 6

Wheelbase options

178", 190", 208"

Frame

Standard 1/4" thick, 50,000 psi steel frame

Performance

Operates with a nominal voltage of 630-650 VDC

Battery Configurations

70kWh - 225kWh

Range

up to 175 miles

Charging

1 to 12 hours to recharge depending on the charging infrastructure

Wheel Base

178"
190"
208"

Hydraulic Brakes

- Meritor Quadraulic, 64mm, four piston brake caliper
- 15.375" diameter rotors

Tires

225/70R19.5
245/70R19.5

Wheels

- Hub piloted, 8 stud disc wheels, single front, dual rear
- Steel wheels; White or black
- Aluminum

Frame

- 9 1/2" high with 3" flanges
- 1/4" thick, 50,000 psi steel standard

Safety features

Hill hold
Electric creep

Front Axle

- Hendrickson 8,000 pound, box beam style axle
- Steel leaf springs with double acting shock absorbers

Rear Axle

- Dana eS9000e Electrified e-Drive axle
- 16,000 pound rating
- Operate with a nominal voltage of 630-650 VDC
- Industry standard L spindle with oil bath wheel ends
- Composite leaf springs

Steering

- Douglas Autotec Steering Column with an 18" diameter steering wheel

GVWR

16,000 - 26,000 lbs

Learn more at www.bluebirdchassis.com

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BLUE BIRD®



Blue Bird's All-New
Electric Chassis Concept