

BLUE BIRD

ALL-ELECTRIC



BLUE BIRD®

Blue Bird was first to market electric school buses in 1994. With advances in battery technology, Blue Bird can now offer efficient and affordable electric-powered buses. The reliable drivetrain systems offered in our Blue Bird Vision and All American RE buses follow the long-standing tradition of Blue Bird quality.

There are **hundreds of thousands** in grant incentives for electric school buses, which could help to make purchase acquisition more affordable.



Blue Bird's electric buses produce **Zero Emissions, which means cleaner air for our children.**



Our Electric buses have excellent **temperature control**, delivering great performance in many weather conditions.



Go Further with **up to 120 miles** in a single charge. Buses can be charged overnight, obtaining a **full charge in approximately 8 hours.**



Low Maintenance Costs - less parts means less maintenance. Because there is no need for engine oil changes, and **no transmission or engine to maintain.** Blue Bird's electric buses have a lower cost of maintenance than traditional, combustion-fueled buses.



All American RE Electric

Charge Time: approximately 8 Hours

GVWR: up to 36,200 lbs

Capacity: up to 84 Passengers

Range: up to 120 Miles

Vision Electric

Charge Time: approximately 8 Hours

GVWR: up to 33,000 lbs

Capacity: up to 77 Passengers

Range: up to 120 Miles

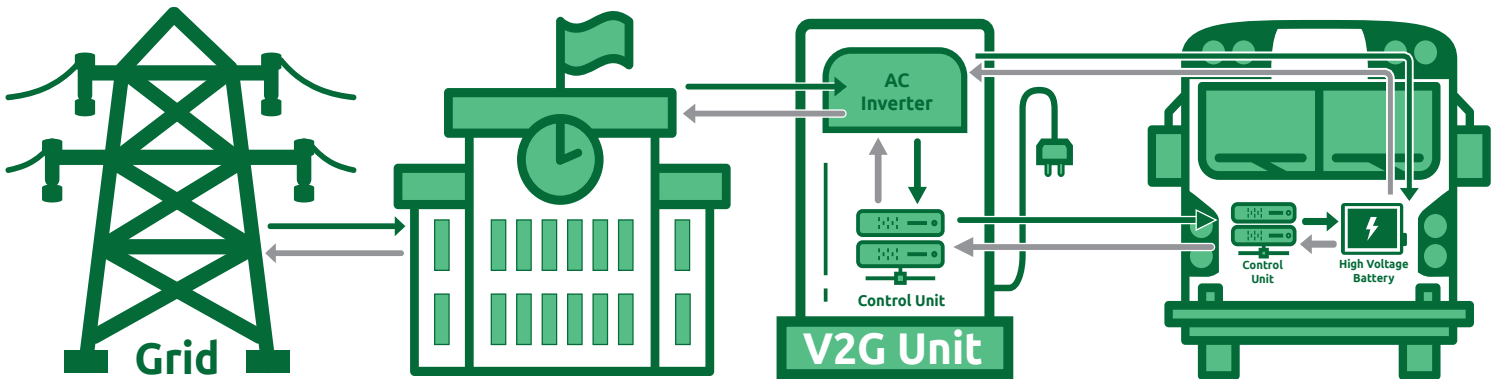


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Total Cost of Ownership

Vehicle-to-Grid (V2G) Technology

Blue Bird's Vision and All American Electric school buses will offer the option of vehicle-to-grid, or V2G technology. V2G creates opportunities for energy companies to "buy back" stored energy that the buses are holding after a charge as well as charge at off peak times when power is less expensive. This is a valuable tool for peak-season consumption times, as well as during natural disasters when energy needs are greater than usual. V2G provides school districts and companies an additional opportunity to lower their Total Cost of Ownership.



Long Term Savings

Because there is no need for engine oil changes, and no transmission or engine to maintain, Blue Bird's electric buses have a lower cost of maintenance than a traditional, combustion-fueled bus.



Contact your Local Dealer
for more information on our
electric bus offerings!



Taking Orders &
Delivering Buses
Today!



All Electric Powered Bus

As a pioneer and leader in alternative fuel vehicles, Blue Bird was first to market electric school buses in 1994. With advances in battery technology, we can now offer efficient and affordable electric-powered buses. The proven, reliable drivetrain system in the Vision and All American RE Electric follows the long-standing tradition of Blue Bird quality.

ELECTRIC BODY SPECIFICATION HIGHLIGHTS

Capacity	Multiple floor plans available with passenger seating up to 81	Brakes	4-wheel air drum and air disc brakes with 4-channel anti-lock brake system.
Exterior Width	96"		
Interior Width	90 ³ / ₄ "	Suspension	Soft ride front leaf spring suspension; Two-stage steel leaf rear spring suspension system (ratings varies by capacity); Air Suspension optional
Aisle Width	Varies by Floor plan		
Skirt Length	16 ³ / ₄ ", 19 ³ / ₄ ", 25 ³ / ₄ "		
Interior Height	77"	Steering	Tilt & telescoping steering column
Overall Height	122"-128" depending on options		
Wheelbase	CV: 252"/273" AA: 245"/259"/273"	GVWR	CV: 33,000 lbs AA: 36,200 lbs

ELECTRIC POWER SPECIFICATION HIGHLIGHTS

Battery Type	Lithium Ion NMC
Battery Capacity	155.4 kWh
Miles Per Charge	Up to 120 miles, dependent on drive cycle, driver behavior, accessories and HVAC usage
Recharge Time	Function of charger - for level 2, less than 8 hours
Rated Power	Peak 315 HP
Rated Torque	Peak 2,400.8 ft-lbs.



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BLUE BIRD ELECTRIC



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Vision & All American Electric Buses



Zero Emissions

Our Vision and All American Electric buses produce zero emissions, making them an excellent choice for improving air quality.



Go Further

Travel up to 120 miles on a single charge



Low Maintenance Costs

Less parts means less maintenance



Zero Emissions

No emissions means cleaner air for our children



Temperature Control

Excellent performance in many weather conditions

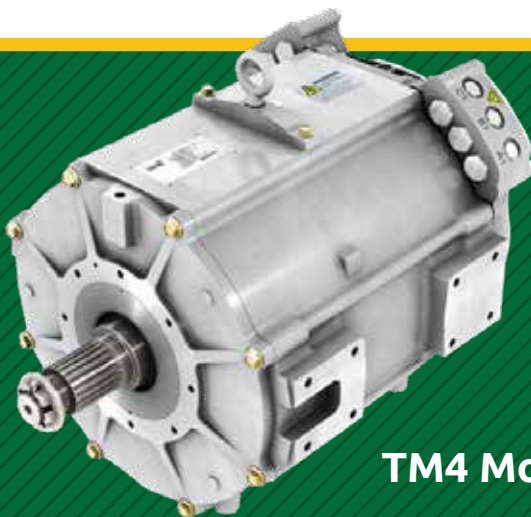


Less Parts Equals Less Maintenance

Our electric buses are not run on a traditional engine and transmission powertrain. In fact, they have no transmission at all! Less parts means less maintenance costs for your fleet.

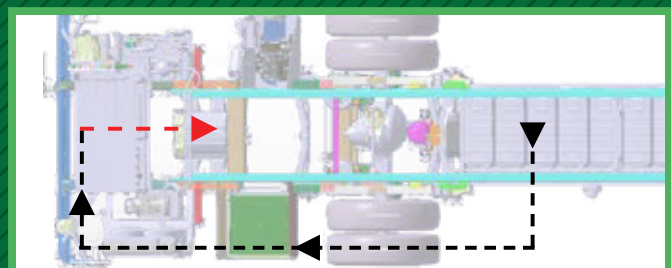


DC to AC Inverter



TM4 Motor

The drive motor's maximum torque and power is obtained at very low RPMs giving the bus the ability to accelerate at a greater rate than other fuel types. Valuable charging time is saved since the drive motor is not running while the vehicle is stopped.





Over 14,000
Level 2 Charging Stations
in the United States

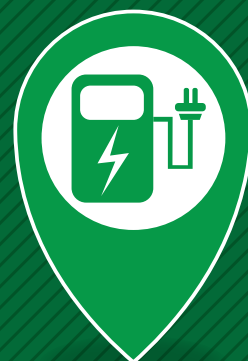
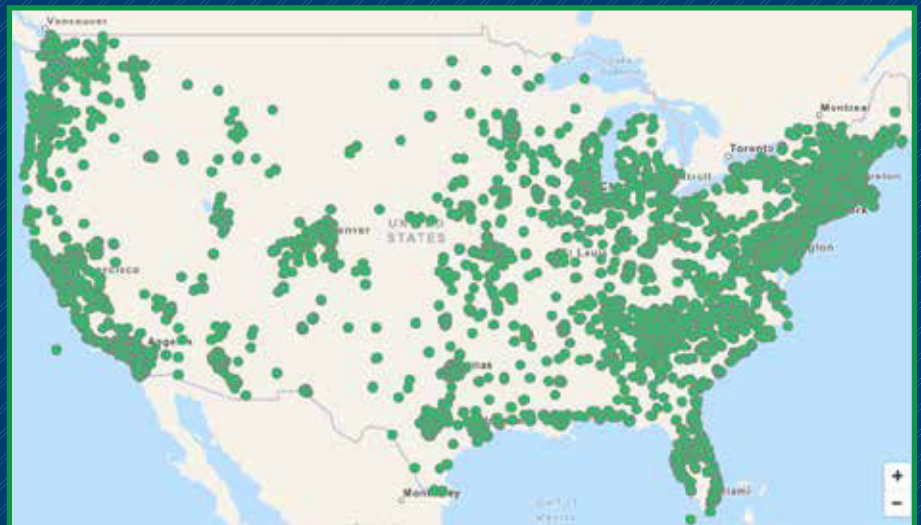
Charging Infrastructure

Our Electric buses are currently designed to use any Level 2 charging cable. The popular HSC-50P 40 amp charging station, which is built to fit most electric vehicle charging needs, makes charging our buses an option at most charging stations around your city.

Visit :

www.afdc.energy.gov

or scan the QR code for more information
and locations of level 2 charging stations
near you.



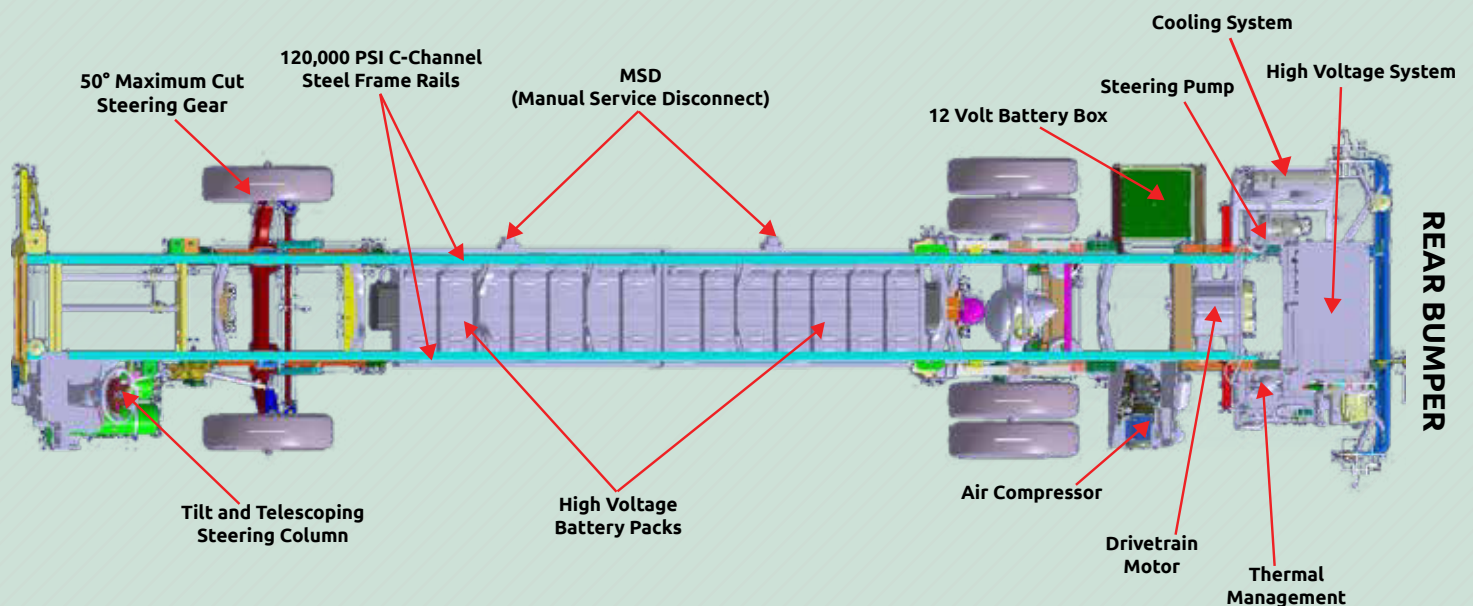


BLUE BIRD®

A Powerful Partnership

Blue Bird is pleased with the new partnership for electrified power solutions with Cummins. Cummins has invested in and acquired capabilities around fully electric and hybrid solutions, as well as the critical components that provide the largest impact on performance and quality. The extensive network of warranty and service work that Cummins provides further strengthens the Blue Bird electric offering.

Electric All American Chassis



Electric Vision Chassis

