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

Specifications, features, illustrations and equipment shown in this brochure are based upon the latest available information at the time of printing. Although descriptions are believed to be correct, accuracy cannot be guaranteed. Blue Bird Body Company reserves the right to make changes at any time without notice. Some features mentioned herein are not available in all models. Please see your Blue Bird Dealer for details. Blue Bird Body Company does not represent or warrant that its products are fit for a particular purpose. Purchaser must independently determine the suitability of the Blue Bird products for their particular application. All images contained herein are either owned by Blue Bird Body Company or used under a valid license. All trademarks used herein are registered trademarks of Blue Bird Body Company. It is a violation of federal law to reproduce these images without express written permission from Blue Bird Body Company. BBCV-EV1-0718 © 2018 Blue Bird Corporation
**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!
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**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Multiple floor plans available with passenger seating up to 81</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exterior Width</td>
<td>96”</td>
</tr>
<tr>
<td>Interior Width</td>
<td>90 3/4”</td>
</tr>
<tr>
<td>Aisle Width</td>
<td>Varies by Floor plan</td>
</tr>
<tr>
<td>Interior Height</td>
<td>77”</td>
</tr>
<tr>
<td>Overall Height</td>
<td>122”-128” depending on options</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>CV: 252”/273” AA: 245”/259”/273”</td>
</tr>
</tbody>
</table>

**Brakes**

4-wheel air drum and air disc brakes with 4-channel anti-lock brake system.

**Suspension**

Soft ride front leaf spring suspension; Two-stage steel leaf rear spring suspension system (ratings varies by capacity); Air Suspension optional.

**ELECTRIC POWER SPECIFICATION HIGHLIGHTS**

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

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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

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.

TM4 Motor
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 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

- 50° Maximum Cut Steering Gear
- 120,000 PSI C-Channel Steel Frame Rails
- MSD (Manual Service Disconnect)
- Cooling System
- High Voltage System
- 12 Volt Battery Box
- Air Compressor
- Drivetrain Motor
- Thermal Management

### Electric Vision Chassis

- 50° Maximum Cut Steering Gear
- 120,000 PSI C-Channel Steel Frame Rails
- MSD (Manual Service Disconnect)
- Cooling System
- Air Compressor
- Drivetrain Motor
- High Voltage System