



BLUE BIRD

DRIVING THE FUTURE

• Blue Bird Electric School Buses

THE BRAND YOU TRUST. INNOVATION YOU EXPECT.

Blue Bird is an iconic American brand for a reason.

Since our founding in 1927, we've sold more than 550,000 school buses and still have 180,000 buses in operation today.

With our strong foundation of excellence, Blue Bird continues to lead the way with innovative electric school bus designs.



On average,
**EV buses save
35 cents per mile**
compared to traditional
diesel buses.



Designing the Bus of the Future

Blue Bird's visionary engineering team always pushes the boundaries of possibility, being the first to market electric school buses in 1994. With our extensive experience designing electric buses, we've now created some of the most practical and affordable electric-powered school buses available on the market.



Zero Emissions

Blue Bird's electric school buses produce zero emissions, ensuring an even cleaner and healthier environment for our children and our planet.



Quiet Operation

Our electric buses are exceptionally quiet, allowing drivers to hear passengers better and concentrate on the road ahead. When driven under 20 mph, a sound generator is enabled to alert pedestrians of the vehicle.



V2G Technology

V2G creates opportunities for energy companies to "buy back" stored energy that the buses hold after a charge and charge at off-peak times when power is less expensive.



Affordability

Financial assistance from public and private grants can help you add electric buses to your fleet. Plus, the long-term maintenance and fuel savings will give you a great return on your investment.



BLUE BIRD



THE ELECTRIC BUS YOU'VE BEEN WAITING FOR

Blue Bird's electric school buses are designed with urban and rural routes in mind.

Our buses can travel up to 120 miles on a single charge,

depending on terrain, HVAC usage, and driving habits.



Save on Costs with Regenerative Braking

To activate Blue Bird's regenerative braking feature, all you have to do is remove your foot from the accelerator.

When activated, the electric motor acts as a generator to put energy back into the batteries and also slows the bus down. Since regenerative braking slows the vehicle, the brake pads and rotors are used much less frequently.

As a result, brakes and rotors typically last much longer between servicing and reduces maintenance costs. Capturing braking energy and sending it right back to your EV's battery pack can also extend your driving range. ***Estimations show that regenerative braking can potentially add hundreds of miles of electric driving range throughout the year.***

As an added safety feature, the regenerative braking works seamlessly with the standard Electronic Stability Control (ESC), so regenerative braking is instantaneously deactivated when ESC is activated.



Designed for Driver Comfort

Some drivers experience challenges when transitioning to an electric school bus. Some electric buses can be challenging to navigate at low speeds, requiring drivers to feather the accelerator at a touch-and-go pace.

Not at Blue Bird.

Our electric buses include an **electric creep feature**, making it easy for drivers to transition into the new driving style. Drivers can simply take their foot off the brake to maneuver and park at lower speeds, even in reverse. No feathering of the accelerator is required.

Other driver ergonomic features include:

- Power steering with tilting/telescoping column
- Large, easy-to-read gauges
- Backlit, easy-to-reach switch panel with rocker switches
- Electric, intermittent, single switch windshield wipers
- Wraparound dash

Equipped with Cummins PowerDrive™

Our electric buses are equipped with **Cummins PowerDrive™** technology, which includes integrated telematics control software, so you can easily manage and maintain your bus throughout its lifetime.

Yes, Our Electric Motor is Maintenance-Free

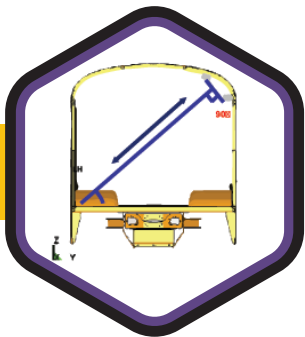
- ✓ No engine oil changes
- ✓ No engine air filter change
- ✓ No smog check/testing
- ✓ No spark plug, glow plug, or coil replacements
- ✓ No transmission maintenance
- ✓ Brake pad change intervals are longer
- ✓ Fewer coolant changes needed

SAFETY IS ALWAYS #1

Blue Bird buses have been trusted to transport the world's most precious cargo since 1927.

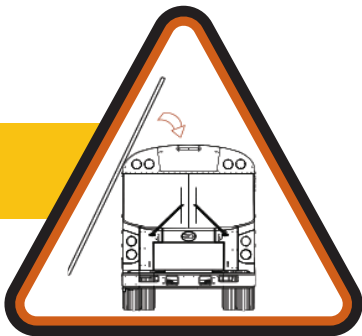
Our electric buses are no exception to Blue Bird's standard safety features, and Electronic Stability Control (ESC) and backup cameras are standard on every bus.

Blue Bird buses meet and exceed U.S. Federal Motor Vehicle Safety Standards and Canada Motor Vehicle Safety Standards.



Colorado Rack Test Certified

The Colorado Rack test verifies the structural integrity and crashworthiness of school bus designs. The test simulates a rollover crash by applying a constant load along the full length of the bus body. This ensures that all pushout windows and emergency exits will be fully functional after an accident occurs. Blue Bird feels it is essential that our buses are constructed to meet the Colorado Rack test standards, ensuring safe exit in the event of a rollover crash.



Kentucky Pole Test Certified

The Kentucky Pole test is designed to verify that the interior panels above the window will not separate and expose sharp edges in the event of a crash. The test involves a rollover simulation, in which the bus strikes a pole-like object, which forces the roof to bend into the passenger compartment. Standards require that separation of body panels must not occur when the roof bends between 8-10 inches.



Hill-Hold Feature

Hill-hold is a standard safety feature on Blue Bird electric buses that prevents the bus from rolling backward on an uphill slope when the driver removes their foot from the pedals.

Electronic Stability Control

The Bendix® ESP® full stability system is a standard ABS-based vehicle stability system capable of recognizing and assisting with driving situations in the widest range of road conditions.

Backup Camera

Blue Bird provides a backup camera system as standard equipment on our buses, allowing drivers to see a live video feed while the bus is in reverse.



BLUE BIRD ENERGY SERVICES

Transitioning your school bus fleet to electric can be a complex journey. That's why Blue Bird Energy Services provides a full suite of services that covers you from your initial planning to the end of service life. This includes: assessing your fleet and route needs, assisting with grants and incentives, infrastructure planning and installation, technician and driver training, service support, and end of life solutions.

We're with you through every step of the process to ensure your journey to electrification is a successful one.



Charging Hardware to Suit Your Needs

Option 1



- ICE 80AC 19.2kW AC Charger
- Max Current Output: 80A @240Vac
- Cable Options: SAE J1772 Connector
- Good charging solution for mild climates

Option 2



- ICE 30 30kW DC Fast Charger
- Dual port to connect and charge two vehicles in series or for connector redundancy
- Optional pedestal
- Perfect for cold weather charging

Option 3



- ICE 60 / ICE 120 – 60kW Fast Charger, 120kW Fast Charger
- Dual port to connect and charge two vehicles simultaneously
- Works great for a quick top-off or intra-day charging of buses

**CONNECT with
Our EV Infrastructure
Specialists.**



Turn-key EV Infrastructure Design and Development

1

Site Assessment

A Blue Bird Energy Services representative will conduct a site assessment of your school district. During the assessment, our technicians will determine your facility's electrical capacity and seek a combination of the best locations for charging equipment and the most economical installation strategy.

2

Proposal Delivery

About three weeks after we complete your site assessment, you'll receive a detailed proposal covering all installation expenses. Once you agree and sign the necessary documents, we can schedule installation.

3

Optional Final Bolt Down

If you prefer to use your own construction crew, we can offer an option for final bolt of the charging equipment. Photos of the completed site work will be required prior to the shipment of the charging equipment.

4

Installation

Our technicians will install, activate, and commission your new charger.

OUR ELECTRIC BUSES

AT A GLANCE



Vision Electric



All American RE Electric

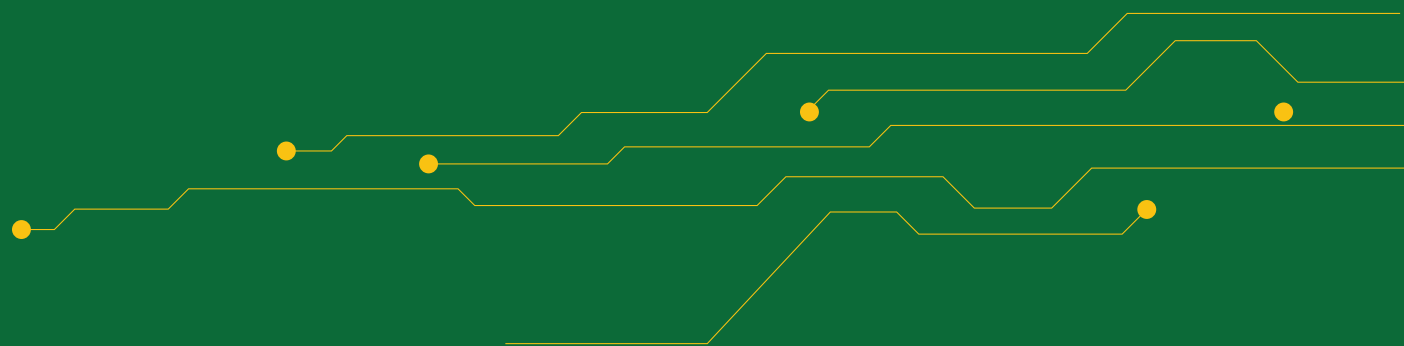
3-8 hours	Charge Time	3-8 hours
Up to 120 miles	Range	Up to 120 miles
Up to 77 passengers	Capacity	Up to 84 passengers
Up to 33,000 lbs.	GVWR	Up to 36,000 lbs.
Cummins PowerDrive 7000	Propulsion System	Cummins PowerDrive 7000
TM4® SUMO™	Motor	TM4® SUMO™

READY TO GO *ELECTRIC?*

We're ready to help you add electric buses to your fleet.

We also know that purchasing a new bus is only part of the solution. The North American Blue Bird Dealer Network, backed by the knowledgeable Blue Bird Parts and Service Team, has you covered for the life of your bus.


**Contact your local
 Blue Bird dealer
 TODAY**
 to get started.





BLUE BIRD

START YOUR JOURNEY

with Blue Bird Electric Buses

www.blue-bird.com/buses/request-a-quote



No matter your location, the **NORTH AMERICAN BLUE BIRD DEALER NETWORK HAS YOU COVERED** for the life of your bus.

