

# Blue Bird Alternative Fuel Buses



**BLUE BIRD®**



## Blue Bird Alternative Fuel School Buses in the US

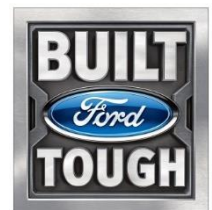
OVER  
**12,000**  
SCHOOL  
BUSES



OVER  
**750**  
SCHOOL  
DISTRICTS



#1 manufacturer of alternative fuel school buses.  
Blue Bird has produced **6X** more alternative  
fuel buses than all competitors combined!!!



# Blue Bird Type C & D Electric (EV) School Bus



## Vision Electric

Charge Time: 6-8 Hours  
GVWR: up to 33,000 lbs  
Capacity: up to 83 passengers  
Range: up to 120 Miles



## All American RE Electric

Charge Time: 6-8 Hours  
GVWR: up to 36,200 lbs  
Capacity: up to 84 passengers  
Range: up to 120 Miles



# Blue Bird EV School Bus Specifications



PARAMETERS	SPECIFICATION
Base Chassis	Blue Bird Type D T3RE & Type C Vision BBCV Chassis
GVWR	Up to 36,200 lbs
Drivetrain	High Efficiency Electric Direct Drive-No Transmission
Electric Motor	SUMO TM4 LSM200C-HV3000
Peak/Continuous Torque	2,176 lb-ft.- 2950/1055 Nm (ISL9 Peak 260-380HP = 976-1695)
Peak/Continuous Power	315HP- 235/145 kW (ISL9 Peak 260-380HP = 194-283kW)
Battery Chemistry	Li-NMC-G (Lithium-Nickel-Manganese-Cobalt-Gell)
Battery Total Capacity	<b>160 kWh</b>
Peak/Continuous Grade	20%/17%
All-Electric Range	Up to 120 Miles
Top Speed	Up to 65 MPH
0-60mph Acceleration	<45 Seconds
100% Charge Time with Three On Board Chargers	Approx. 8 Hours (160Kwh/19.2 kW = 8.33 Hours Full Charge)
Charging System	Level 2 Charger/240V Single Phase/SAE J1772 (Chevy Volt)
Heat/Cool System	<b>Dual Electric Water Heaters &amp; Valeo REVO-E Global 112K BTU AC</b>



## Total Cost of Ownership

Because there's 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.



### ZERO EMISSIONS

Cleaner air for our children



### REDUCED MAINTENANCE COSTS

Less parts = less maintenance



### TEMPERATURE CONTROL

Excellent performance in many weather conditions



### GO FURTHER

Go up to 120 miles on a single charge



### VEHICLE TO GRID TECHNOLOGY

V2G technology allows sale of energy back into the grid



### BATTERY CAPACITY

14 batteries = 160kWh



### SERVICE & SUPPORT

250 affiliated dealers in North America

