Technical Specification Highlights

**CAPACITY**
- Multiple floor plans available with passenger seating up to 72

**EXTERIOR WIDTH**
- 96”

**INTERIOR WIDTH**
- 90 3/4”

**AISLE WIDTH**
- Varies by floor plan

**SKIRT LENGTH**
- 25 3/4”

**INTERIOR HEADROOM**
- 77”

**OVERALL HEIGHT**
- 123”

**WHEELBASE**
- 252” / 273”

**BATTERIES**
- 155 kWh Li-ION NMC/ G cell

**ENTRANCE DOOR**
- 27” wide x 78” high / double “full view” outward opening

**PROPELLSION SYSTEM**
- Cummins PowerDrive 7000

**MOTOR**
- TM4® SUMO™

**TIRE SIZE**
- 11R22.5 (G)

**BRAKES**
- Air brakes 5” front and 7” rear

**SUSPENSION**
- Front - 10,000 lb. parabolic springs
- Rear - 23,000 lb. leaf springs

**STEERING**
- Tilting/telescoping steering

**FRONT AXLE**
- 10,000 lb.

**REAR AXLE**
- 23,000 lb.

**WHEEL CUT**
- 50°

**GVWR**
- Up to 33,000 lb.

**MILES PER CHARGE**
- Up to 120 miles

**RECHARGE TIME**
- Standard CCS1 connector with AC and DC Fast Charging capabilities:
  - Level 2 charging in approx. 8hrs
  - Level 3 (DCFC) charging in approx. 3hrs
**BLUE BIRD VISION ELECTRIC SPECIFICATIONS**

### Chassis
- 100,000 psi steel frame rails 10 1/8" high x 3" flanges x 1/4" thick
- Cummins PowerDrive 7000 propulsion system, Utilizing an electric motor; 315 peak horsepower, 2,400R-lbs peak torque
- 155 kWh Lithium ion NMC/G cell between frame rails
- 620 Nominal Voltage
- Up to 120 miles per charge dependent on drive cycle, driver behavior, accessories and HVAC usage
- 11R22.5 (G) tires
- Large, easy to read gauges
- 10,000 lb. front axle with 10,000 lb. parabolic spring suspension
- 23,000 lb. rear axle with leaf spring suspension
- Rubber coolant hoses
- Anti-lock brakes
- 15" steel front bumper
- Tilting/telescoping steering column
- 16-gauge, channeled interior steel window headers
- Body wiring is encased in "easy to access" ABS
- Body wiring terminal is easily accessible through exterior electrical compartment
- Wiring is color coded and continuously numbered for easy identification
- Fused circuit protection
- Grease fittings on emergency door hinges
- Easy-opening, outward opening entrance door; features long-lasting, oil-impregnated, bronze pivotal bearings
- Body wiring is encased in "easy to access" ABS molding above passenger windows
- 90,000 btu front heater and defroster
- Full "panoramic" cockpit view
- Full body insulation
- Acoustic headlining (Driver's section)
- Efficiency meter

### Dimensions
<table>
<thead>
<tr>
<th>Headroom</th>
<th>77&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width Exterior</td>
<td>96&quot;</td>
</tr>
<tr>
<td>Width Interior</td>
<td>90 3/4&quot;</td>
</tr>
<tr>
<td>Skirt Length</td>
<td>25 3/4&quot;</td>
</tr>
<tr>
<td>Overall Length</td>
<td>393&quot; - 477&quot;</td>
</tr>
<tr>
<td>Overall Height</td>
<td>123&quot;</td>
</tr>
<tr>
<td>Wheelbase/Passenger Capacity</td>
<td>252&quot; = 66</td>
</tr>
<tr>
<td>273&quot; = 72</td>
<td></td>
</tr>
</tbody>
</table>

### Durability
- All parts are pre-primed or thoroughly rust-proofed after fabrication and before assembly
- Entire underbody (body skirt and floor) is undercoated before mounting on chassis
- Exterior surfaces are painted with heat-cured polyurethane
- Interior surfaces are painted with high-quality, hot-sprayed, baked-on enamel
- 1/8" Smooth black rubber flooring, 3/16" ribbed rubber aisle
- Rubber cooling hoses
- Rubber molded wheelhouse
- "Huck Spin" fasteners on all permanent frame fixtures

### Strength
- 14-gauge steel, hat shaped posts and roof bows
- Rigid 16-gauge steel roof longitudinal internal structural members
- 16-gauge, channeled interior steel window headers
- Riveted and welded construction
- Four full-length, 16-gauge exterior side rub rails
- 20-gauge fluted exterior side panels
- 22-gauge interior galvalume side panels
- 14-gauge steel floor panels
- 100,000 psi steel chassis frame, 1/4" thick with permanent fixtures and attached with "Huck Spin" fasteners

### Safety
- 4-wheel anti-lock brakes
- Single halogen headlights
- Driver's three-point seat belt with adjustable 7 1/2" pillar loop
- Outward-opening entrance door with 1,350 square-inch tempered safety glass
- Best driver's line of sight in the school bus industry for a Type C product
- Flat and convex rearview mirrors
- Crossview mirrors
- Electric horn with high and low note
- Blue Bird's unitized construction of the passenger compartment
- 15" steel front bumper, 12" steel rear bumper
- 8.25 x 22.5 Disc, hub-piloted steel wheels
- Certified to Colorado Rack and Load and Kentucky Pole testing
- Sound generator enabled with speeds less than 20mph

### Serviceability
- Chassis multiplex wiring
- Large work space under hood
- Body wiring terminal is easily accessible through exterior electrical compartment
- Wiring is color coded and continuously numbered for easy identification
- Fused circuit protection
- Grease fittings on emergency door hinges
- Easy-opening, outward opening entrance door; features long-lasting, oil-impregnated, bronze pivotal bearings
- Body wiring is encased in "easy to access" ABS molding above passenger windows

### Optional Features
- "Best-in-class" driver visibility
- Power steering with tilting/telescoping column
- 4-wheel anti-lock brakes
- Backlit, easy to reach switch panel with rocker switches
- Electric, intermittent, single switch windshield wipers
- 3-point seat belt with 7 1/2" vertical adjustment
- Fully adjustable driver's seat
- Wraparound dash

### Comfort & Convenience
- 77" headroom at aisle, front to rear
- 12" Split-sash, tempered windows
- Tinted windshield
- 90,000 btu front heater and defroster
- Full "panoramic" cockpit view
- Full body insulation
- Acoustic headlining (Driver's section)
- Efficiency meter

### Driver Ergonomics
- Driver's three-point seat belt with adjustable 7 1/2" pillar loop
- Outward-opening entrance door with 1,350 square-inch tempered safety glass
- Best driver's line of sight in the school bus industry for a Type C product
- Flat and convex rearview mirrors
- Crossview mirrors
- Electric horn with high and low note
- Blue Bird's unitized construction of the passenger compartment
- 15" steel front bumper, 12" steel rear bumper
- 8.25 x 22.5 Disc, hub-piloted steel wheels
- Certified to Colorado Rack and Load and Kentucky Pole testing
- Sound generator enabled with speeds less than 20mph

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 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. SS-EVCV SPECS-0920© 2020 Blue Bird Corporation.