


Type C/D All Electric School Bus

Electrical Specs	Bus Specs
<p>Motor generator: (580 lbs) AC PM electric Motor (5 Year warranty)</p> <ul style="list-style-type: none"> ➤ Single AC Perm Magnet motor-BG2-W ➤ 800VDC max ➤ 350 HP @ 3800 rpm max ➤ 877 ft. lbs. torque ➤ Top speed 75 mph 	<p>Vehicle Ratings:</p> <ul style="list-style-type: none"> ➤ GVWR 36,000 ➤ 29 to 77 passengers ➤ Front 5,000 to 12,000 ➤ Rear 10,000 to 23,000 ➤ Type C or D school buses
<p>Modular Battery Pack: Qty. 2 2,180 lbs. each pack (2 required) Prismatic style (5 year warranty)</p> <ul style="list-style-type: none"> ➤ 400AH ➤ 614 volts DC ➤ Li Fe Phosphate ➤ 230 KWH ➤ Optional: 5,000 cycles fast charge maintain 80%. <p>*Cycle life depends on driving habits and terrain.</p>	<p>Chassis and Transmission:</p> <ul style="list-style-type: none"> ➤ Overall length 40' ➤ 0-40 mph in 11.3 seconds ➤ Cowl to axle up to 250" ➤ Air Sprung Suspension Front/Rear ➤ Turning Diameter N/A ➤ Maintains Transmission PTS 2500: Allison ➤ Brakes Drum Anti-lock, Air Brake ➤ Tires: Tubeless Radial GAWR. 11R-22.5-G ➤ Maintains all safety & emergency equipment
<p>Controller system: (33lbs) 420 Kilowatt (5 Year warranty)</p> <ul style="list-style-type: none"> ➤ 800 AMPs max ➤ OEM Throttle control and with easy set. ➤ Idle set at constant 600 RPM (All electric only) ➤ Input/output Easy-link supervisor control w/ PC integration 	<p>Gear Ratio using 6 speed gear box w/ reverse (PTS 3000):</p> <ul style="list-style-type: none"> ➤ First 3.49:1 (3,060 ft lbs of torque) ➤ Second 1.86:1 (1,631 ft lbs of torque) ➤ Third 1.41:1 (1,236 ft lbs of torque) ➤ Fourth 1.00:1 (877 ft lbs of torque) ➤ Fifth .75:1 ➤ Sixth .65:1 ➤ Reverse -5.03:1 <p>**28% hill grade capability</p>
<p>Charger: (185lbs) Fast charge capable (2 year warranty)</p> <ul style="list-style-type: none"> ➤ 36KW 240VAC 3 phase ➤ Liquid Cooled ➤ Overnight 8 hr charge time ➤ V2G available now <p>*2 hr charge available upon request</p>	 <p style="text-align: center;">Type C and D All Electric</p>