

# ELECTRIC SCHOOL BUS COMPARISON



Model	IC Bus CE	Thomas C2	Blue Bird Vision
Battery Chemistry	Lithium Iron Phosphate (Safest, Longest Life)	Lithium Nickel Magnesium Cobalt	Lithium Nickel Magnesium Cobalt
Battery Capacity	210kWh & 315kWh	226kWh	155kWh
Range @ .64 MPkWh	134 Miles & 201 Miles	137 Miles (Thomas states .61 MPkWh)	99 Miles
Charge Cycle Life	2,200 - 3,000	1,200 - 2,000	1,200 - 2,000
Charger Compatibility	AC and DCFC 19.2kW / 30kW / 60kW	DC only	AC and DC 19.2kW / 30kW / 60kW
Charger Connection	Standard SAE J1772	Standard SAE J1772	Standard SAE J1772
Power Delivery	Direct Drive	2-Speed Transmission	Direct Drive
Peak HP	342 HP	295 HP	315 HP
Regenerative Braking	Low/Med/High (Kinetic energy captured as charge)	Low/Med (Kinetic energy captured as charge)	Low Only
V2G Capable	Yes	Yes	Yes
Frame Strength	120,000 PSI	110,000 PSI	100,000 PSI
Instrument Cluster	State-of-Art Digital	Analog with small digital window	Analog with small digital window
Origin	EV Powertrain developed by Navistar/Traton	EV Powertrain developed by Proterra	EV Powertrain developed by Accelera