



Electric School Buses Available for Purchase

July 2017

	TransTech SSTE	Starcraft eQuest XL	eLion
Bus Type	Type A	Type C	Type C
Body	TransTech	Starcraft	Lion
Chassis	Ford E-450	Ford F59	Lion
Powertrain	Motiv Power System's All Electric Powertrain	Motiv Power System's All Electric Powertrain	DC TM4 Sumo MD Electric Motor
Battery Manufacturer / Chemistry	FIAMM Sodium Nickel	FIAMM Sodium Nickel	LG Lithium-ion NMC
Standard Battery Size / Capacity (Optional Larger Batteries)	85 kWh (106 kWh)	85 kWh (106 kWh) (127 kWh)	104 kWh (130 kWh)
Passenger Capacity (no wheelchair lift)	25	48	up to 72
Approximate Range Standard Battery (Optional Larger Battery)	65-75 miles (75-85 miles)	65-75 miles (75-85 miles) (85-100 miles)	75 miles (100 miles)
Top Speed	60 mph	60 mph	60
Gradeability	17%	17%	
Cabin Heating System	All Electric Trans Air System	All Electric Trans Air System	Auxiliary ProHeat* M80 -80,000 BTU (option)
Charge Systems Voltage and Power	208/240V 3-phase power 25 kW	208/240V 3-phase power 25 kW	208/240 V single phase power 19.2 kW requires 80 amps
Compatible Charging Manufacturers	Clipper Creek	Clipper Creek	Clipper Creek Watzilla
Estimated Charging Time (50%)	2-2.5 hours	2-2.5 hours	2 hours
Estimated Charging Time (0% to 100%)	8 hours	8 hours	5.2 hours
Approximate price	\$220,000-275,000	\$320,000-350,000	\$325,000 - \$335,000
Deployed in the U.S.	New York California	California	Massachusetts California

Notes:

* Optional ProHeat on board, fuel fired heater, retains battery for range. Fueled with diesel, propane or natural gas.

** Optional DC Fast Charging with SAE Combo Plug