

King County Metro Electric Bus Summary

OEM	Model	Bus Size	Battery Size (kWh)	Model Year	# Buses	Location	Status
Proterra	Catalyst BE40	40-ft	105	2015	3	East Base	Not Active
Proterra	Catalyst BE40	40-ft	105	2018	8	East Base	Active
New Flyer	Xcelsior XE40	40-ft	525	2021	20	South Base	Active
New Flyer	Xcelsior XE60	60-ft	525	2021	20	South Base	Active
Gillig	Low Floor EV	40-ft	686	2024	89	Interim Base	Future

Proterra Catalyst Electric Bus (105 kWh)



General Specifications	
Bus Manufacturer	Proterra
Bus Model	Catalyst BE40
Bus Length	40-ft
Bus Weight (Empty)	30,360 lbs
HVAC	Eberspacher 08-67057-00 (Electric)
Auxiliary Diesel Heating	None
Auxiliary Breaking	Regenerative
Battery Specifications	
Battery Type	Lithium Titanate, DC Battery
Battery Size	105 kWh
Maximum Charge Accepted	220 kW
Electric Motor	UQM SPM250-130-2

New Flyer Xcelsior Charge 40-ft Electric Bus (525 kWh)



General Specifications	
Bus Manufacturer	New Flyer
Bus Model	Xcelsior Charge XE40
Bus Length	40-ft
Bus Weight (Empty)	35,540 lbs
HVAC	ThermoKing (Electric)
Auxiliary Diesel Heating	None
Auxiliary Breaking	Regenerative
Battery Specifications	
Battery Type	Lithium Ion, DC Battery
Battery Size	525 kWh
Maximum Charge Accepted	220 kW
Electric Motor	Siemens 1DB2016-1NB06

New Flyer Xcelsior Charge 60-ft Electric Bus (525 kWh)



General Specifications	
Bus Manufacturer	New Flyer
Bus Model	Xcelsior Charge XE60
Bus Length	60-ft
Bus Weight (Empty)	51,040 lbs
HVAC	ThermoKing (Electric)
Auxiliary Diesel Heating	None
Auxiliary Breaking	Regenerative
Battery Specifications	
Battery Type	Lithium Ion, DC Battery
Battery Size	525 kWh
Maximum Charge Accepted	220 kW
Electric Motor	Siemens 1DB2016-1NB06

Gillig Low Floor 40-ft Electric Bus (686 kWh)



General Specifications	
Bus Manufacturer	Gillig
Bus Model	Low Floor EV
Bus Length	40-ft
Bus Weight (Empty)	48,000 (initial estimate)
HVAC	ThermoKing (Electric)
Auxiliary Diesel Heating	None
Auxiliary Breaking	Regenerative
Battery Specifications	
Battery Type	Lithium Ion, DC Battery
Battery Size	686 kWh
Maximum Charge Accepted	450 kW
Electric Motor	Cummins Battery Electric System