



60' Electric Bus

Technical Summary

Excelsior CHARGE™ 60ft		Excelsior CHARGE™ 60ft
MEASUREMENTS		CAPACITY²
Length	60'10" (18.54m) including bumpers	Seats 50
Roof Height	11' 1" (3.3m) over charging rails	Standees 68
Step Height	14" (356mm)	
Front Step Height Kneled	10" (254mm)	
Interior Height - Floor to Ceiling	79" (2m) over front and rear axle; 95" (2.4m) mid-coach	
Tire Size	305/70R22.5	WEIGHT
Aisle Width	22" - 24"	Curb Weight Approx. 53,112 lbs.
Wheel Base	229" (5.8m) front / 293" (7.4m) rear	
PROPELLION		MAIN COMPONENTS
Transmission	None - Direct Drive	Energy Storage System (ESS) A123 600 kWh li-ion
Propulsion System	Siemens PEM 1DB2016 - Electric Drive	Range capability: 100 kWh - 818 kWh
Range	Up to 275 miles/charge (442 km) (Based on an 818 kWh battery) ¹	Vansco Instrument Panel Cluster with LCD touch display screen
Alternator	Vanner EBA	Vanner equalizer w/Low Voltage Disconnect, temperature & current sensors to optimize battery life
ACCESSIBILITY		3 Luminator Infotainment monitors
Passenger Doors	3 Vapor Slide Glide Exits - 1 each at front & rear units (curbside)	EMP Radiator cooler
Wheelchair Accessibility	660lb (299kg), 32" (813mm) wide, 1:7 slope. Flip out NFL ramp, front door	Thermo King RLFE rooftop A/C unit & TE15 rear A/C unit
Wheelchair Positions	2	Lower deck - NT ACQ plywood, Upper deck - Composite step & floor
CLEARANCES		Rear - NT DB ACQ plywood
Approach/Breakover Angles/Departure	9°/9°/12° (front) & 9° (rear)	
TURNING RADIUS		FEATURES
Turning radius (body, with aluminum wheels)	44' (13.4m)	Diagnostic & Monitoring System New Flyer Connect®
		Destination Sign Rear route sign with backup camera
		Additional Safety Turn annunciator system
		USB Chargers Available at each seat location



This New Flyer Xcelsior® electric bus is manufactured to meet or exceed all US regulations including FMVSS, ADA and Buy America regulations and is supported by New Flyer's 2,800+ US-based employees.

¹Based on Xalt HE 70-75 Ah NMC battery technology.

²Actual passenger capacity depends on seating layout, number of doors and axle ratings.