**Technical Summary**

### MEASUREMENTS

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>60'10&quot; (18.54m) including bumpers</td>
</tr>
<tr>
<td>Roof Height</td>
<td>11' 1&quot; (3.3m) over charging rails</td>
</tr>
<tr>
<td>Step Height</td>
<td>14&quot; (356mm)</td>
</tr>
<tr>
<td>Front Step Height Kneeled</td>
<td>10&quot; (254mm)</td>
</tr>
<tr>
<td>Interior Height - Floor to Ceiling</td>
<td>79&quot; (2m) over front and rear axle; 95&quot; (2.4m) mid-coach</td>
</tr>
<tr>
<td>Tire Size</td>
<td>305/70R22.5</td>
</tr>
<tr>
<td>Aisle Width</td>
<td>22&quot; - 24&quot;</td>
</tr>
<tr>
<td>Wheel Base</td>
<td>229&quot; (5.8m) front / 293&quot; (7.4m) rear</td>
</tr>
</tbody>
</table>

### PROPULSION

- **Transmission**: None - Direct Drive
- **Propulsion System**: Siemens PEM 1DB2016 - Electric Drive
- **Range**: Up to 275 miles/charge (442 km) (Based on an 818 kWh battery)
- **Alternator**: Vanner EBA

### ACCESSIBILITY

- **Passenger Doors**: 3 Vapor Slide Glide | Exits - 1 each at front & rear units (curbside)
- **Wheelchair Accessibility**: 660lb (299kg), 32" (813mm) wide, 1:7 slope. Flip out NFIL ramp, front door
- **Wheelchair Positions**: 2

### CLEARANCES

- **Approach/Breakover Angles/Departure**: 9º/9º/12" (front) & 9º (rear)

### TURNING RADIUS

- **Turning radius (body, with aluminum wheels)**: 44' (13.4m)

### CAPACITY

<table>
<thead>
<tr>
<th>Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seats</td>
<td>50</td>
</tr>
<tr>
<td>Standees</td>
<td>68</td>
</tr>
</tbody>
</table>

### WEIGHT

- **Curb Weight**: Approx. 53,112 lbs.

### MAIN COMPONENTS

- **Energy Storage System (ESS)**: A123 | 600 kWh li-ion
- **Range capability**: 100 kWh - 818 kWh
- **Electrical System**: Vansco Instrument Panel Cluster with LCD touch display screen
- **Battery Management System**: Vanner equalizer w/Low Voltage Disconnect, temperature & current sensors to optimize battery life
- **Infotainment System**: 3 Luminator Infotainment monitors
- **Cooling System**: EMP Radiator cooler
- **HVAC**: Thermo King RLFE rooftop A/C unit & TE15 rear A/C unit
- **Flooring**: Lower deck - NT ACQ plywood, Upper deck - Composite step & floor, Rear - NT DB ACQ plywood

### FEATURES

- **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

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

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

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.