Zero emissions, smart mobility, lower operating costs, compatible charging systems - the Equess CHARGE™ from ARBOC is ready to meet tomorrow’s transportation demands today. The Equess CHARGE™ proudly incorporates the proven battery-electric technology from New Flyer® that is deployed in thousands of buses across the United States and Canada.

Available in 2 lengths with single or dual doors

<table>
<thead>
<tr>
<th>Length</th>
<th>ESS (kWh)</th>
<th>Maximum Range* (Miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30’</td>
<td>350</td>
<td>210</td>
</tr>
<tr>
<td>35’</td>
<td>437</td>
<td>230</td>
</tr>
</tbody>
</table>

*dependent on model, length and battery option
**Connect 360™**

Connect 360™, operated by New Flyer Connect®, is a customizable performance dashboard that provides smart analytic reporting to expand insight and intelligence for managing your Equess CHARGE™ battery-electric bus.

Connect 360™ is included on every new Equess CHARGE™. Learn more at newflyer.com/connect.

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**Telematics**

- **Additional range** capability with improved driver performance.
- **Decision-making information** to optimize charging strategies.
- **Intelligence** on how to preserve battery energy throughout the day.
- **Reduced operating cost** and maximum fleet utilization.
<table>
<thead>
<tr>
<th>Measurements</th>
<th>(30') (9.2 m) Over bumpers</th>
<th>(35') (10.7 m) Over bumpers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length</strong></td>
<td>30' 2' (9.2 m)</td>
<td>35' 2' (10.7 m)</td>
</tr>
<tr>
<td><strong>Exterior Width</strong></td>
<td>100' (2.54 m)</td>
<td>100' (2.54 m)</td>
</tr>
<tr>
<td><strong>Roof Height</strong></td>
<td>120' (3 m)</td>
<td>120' (3 m)</td>
</tr>
<tr>
<td><strong>Step Height</strong></td>
<td>13.38' (340 mm)</td>
<td>13.38' (340 mm)</td>
</tr>
<tr>
<td><strong>Front Step Height (Knelt)</strong></td>
<td>10.38' (264 mm)</td>
<td>10.38' (264 mm)</td>
</tr>
<tr>
<td><strong>Interior Height – Floor to Ceiling</strong></td>
<td>95' (2.4 m) Center of bus</td>
<td>95' (2.4 m) Center of bus</td>
</tr>
<tr>
<td><strong>Tire Size</strong></td>
<td>270/70R 22.5</td>
<td>270/70R 22.5</td>
</tr>
<tr>
<td><strong>Wheelbase</strong></td>
<td>196' (4.9 m)</td>
<td>259' (6.5 m)</td>
</tr>
</tbody>
</table>

**Propulsion**
- **Motor**
  - Utilizes New Flyer’s Xcelsior CHARGE™ technology
- **SIEMENS ELFA3 electric drive system**

**Energy Storage System**
- **Full Charge**
  - 350 kWh
  - 437 kWh
- **Rated Torque**
  - 1,033 lb-ft
  - 1,033 lb-ft

**Passenger Capacity**
- **Seats**
  - Up to 25
  - Up to 33

**Accessibility**
- **Doors**
  - 1 Standard or optional 2 door
  - 1 Standard or optional 2 door
- **Wheelchair Accessibility**
  - 32' (813 mm) wide, 1:6 slope
  - 32' (813 mm) wide, 1:6 slope
- **Wheelchair Locations**
  - Up to 4
  - Up to 6

**Weight**
- **Curb Weight**
  - 22,500 lbs (10,205 kg)*
  - 23,650 lbs (10,727 kg)*
- **GVWR**
  - 33,000 lbs
  - 33,000 lbs

**Approach Angle**
- **Approach/Departure/Break over Angles**
  - 9°/8.6°/12°
  - 9°/8.6°/9°

**Main Components**
- **Electrical System**
  - Parker Vansco
- **Cooling System**
  - Electric cooling fans
- **HVAC**
  - Valeo REVO-E (Roof-mounted)
- **Axles**
  - Single reduction axle
- **Brakes**
  - ZF RL82 IFS Front disc brakes;
- **Rear Brakes**
  - ZF AV133 Rear disc brakes
- **Charger**
  - SAE J1772 DC CCS Type 1 plug-in charger

**Range**
- **Maximum Range (Miles)**
  - 210*
  - 230*
Charging

ARBOC buses are compatible with charging equipment that supports medium-duty electric vehicles. You can customize your Energy Storage Systems (ESS) and charging solutions so you can develop the right ESS and infrastructure solution for your needs.

Equess CHARGE™ is compatible with charging systems available from:

- Siemens
- ABB

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Plug-In Charging

CCS Type 1 plug-in chargers can be used for overnight, mid-day and off-route charging. A full charge requires 4 hours* for a 350 kWh ESS.

* Dependent on type of charger

Range Capability

The 35’ Equess CHARGE™ has a range of up to 230 miles (437 kWh)* on a single charge.

* Estimated range with long range charge

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How it Works

The Equess CHARGE™ uses an electric motor from SIEMENS that is tested and proven.

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Warranty

### Components

<table>
<thead>
<tr>
<th>Provider</th>
<th>Years</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARBOC</td>
<td>3</td>
<td>75,000</td>
</tr>
<tr>
<td>ARBOC</td>
<td>7</td>
<td>350,000</td>
</tr>
<tr>
<td>ARBOC</td>
<td>3</td>
<td>Unlimited</td>
</tr>
<tr>
<td>ARBOC</td>
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<td>300,000</td>
</tr>
<tr>
<td>ZF</td>
<td>2.5</td>
<td>125,000</td>
</tr>
<tr>
<td>Valeo</td>
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<tr>
<td>Vapor</td>
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<tr>
<td>PowerEx</td>
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<tr>
<td>Braun</td>
<td>3</td>
<td>15,000 cycles</td>
</tr>
<tr>
<td>Vansco</td>
<td>3</td>
<td>15,000</td>
</tr>
<tr>
<td>J.W. Speaker</td>
<td>6</td>
<td>Unlimited</td>
</tr>
</tbody>
</table>

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[arbocsv.com/equessCHARGE]