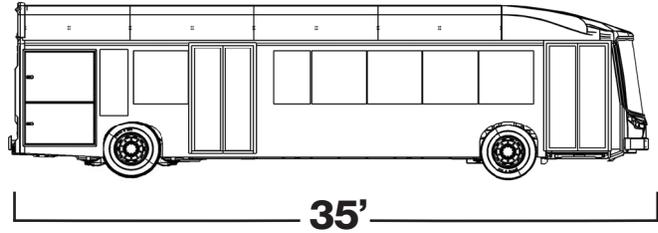
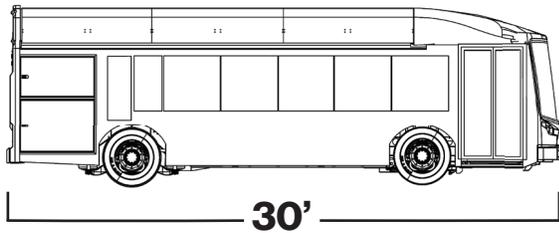


Zero emissions, smart mobility, lower operating costs, compatible charging systems - the Equess CHARGE™ from ARBOC is ready to meet tomorrow's transportation demands today. The Equess CHARGE™ proudly incorporates the proven battery-electric technology from New Flyer® that is deployed in thousands of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

Available in 2 lengths with single or dual doors



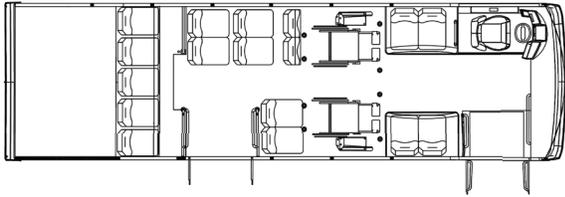
## Industry Leading Range Capability

Length	ESS (kWh)	Maximum Range* (Miles)
30'	350	210
35'	437	230

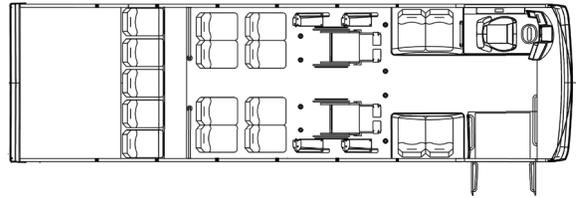
\*dependent on model, length and battery option

# Floor Plans

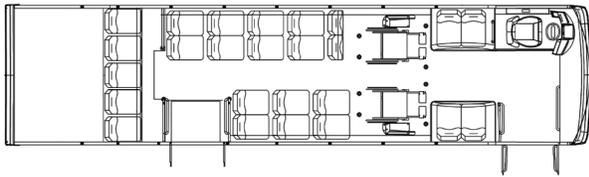
30', 21 Passengers, 2 w/c



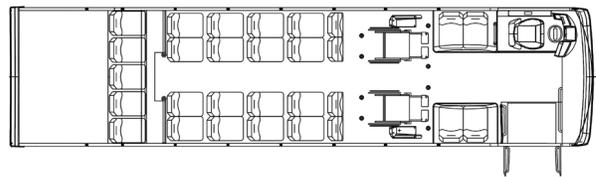
30', 25 Passengers, 2 w/c



35', 29 Passengers, 2 w/c



35', 33 Passengers, 2 w/c



# Telematics

## 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.

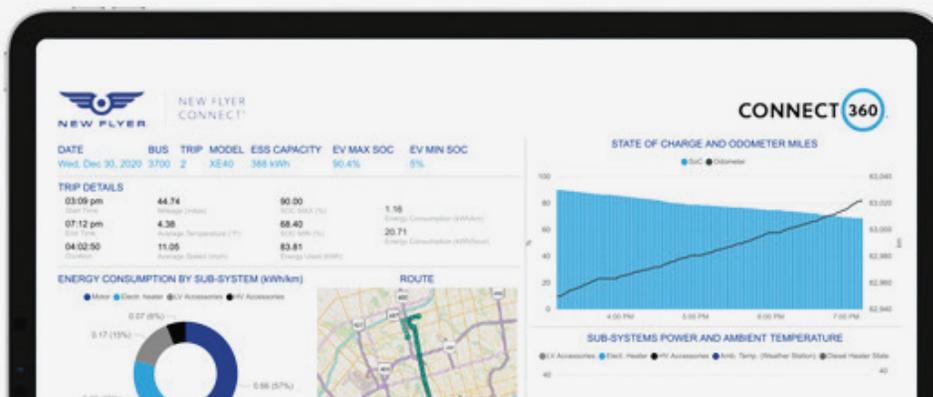
Connect 360™ is included on every new Equess CHARGE™. Learn more at [newflyer.com/connect](http://newflyer.com/connect).

 **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.



Measurements	equest <sup>CHARGE</sup> ™ 30'	equest <sup>CHARGE</sup> ™ 35'
<b>Length</b>	30' 8" (9.2 m) Over bumpers	35' 5" (10.7 m) Over bumpers
<b>Exterior Width</b>	100" (2.54 m)	100" (2.54 m)
<b>Roof Height</b>	128" (3.25 m)	128" (3.25 m)
<b>Step Height</b>	13.38" (340 mm)	13.38" (340 mm)
<b>Front Step Height (Knelt)</b>	10.38" (264 mm)	10.38" (264 mm)
<b>Interior Height – Floor to Ceiling</b>	95" (2.4 m) Center of bus	95" (2.4 m) Center of bus
<b>Tire Size</b>	270/70R 22.5	270/70R 22.5
<b>Wheelbase</b>	196" (4.9 m)	259" (6.5 m)
<b>Propulsion</b>		
<b>Motor</b> Utilizes New Flyer's Xcelsior CHARGE™ technology	SIEMENS ELFA3 electric drive system	SIEMENS ELFA3 electric drive system
<b>Energy Storage System</b>		
<b>Full Charge</b>	350 kWh	437 kWh
<b>Rated Torque</b>	1,033 lb-ft	1,033 lb-ft
<b>Passenger Capacity</b>		
<b>Seats</b>	Up to 25	Up to 33
<b>Accessibility</b>		
<b>Doors</b>	1 Standard or optional 2 door	1 Standard or optional 2 door
<b>Wheelchair Accessibility</b>	32" (813 mm) Wide, 1:6 slope	32" (813 mm) wide, 1:6 slope
<b>Wheelchair Locations</b>	Up to 4	Up to 6
<b>Weight</b>		
<b>Curb Weight</b> *Approximate weights; Varies with ESS configuration	22,500 lbs (10,205 kg)*	23,650 lbs (10,727 kg)*
<b>GVWR</b>	33,000 lbs	33,000 lbs
<b>Approach Angle</b>		
<b>Approach/Departure/Break over Angles</b>	9°/8.6°/12°	9°/8.6°/9°
<b>Main Components</b>		
<b>Electrical System</b>	Parker Vansco	Parker Vansco
<b>Cooling System</b>	Electric cooling fans	Electric cooling fans
<b>HVAC</b>	Valeo REVO-E (Roof-mounted)	Valeo REVO-E (Roof-mounted)
<b>Axles</b>	Single reduction axle	Single reduction axle
<b>Brakes</b>	ZF RL82 IFS Front disc brakes;	ZF RL82 IFS Front disc brakes;
<b>Rear Brakes</b>	ZF AV133 Rear disc brakes	ZF AV133 Rear disc brakes
<b>Charger</b>	SAE J1772 DC CCS Type 1 plug-in charger	SAE J1772 DC CCS Type 1 plug-in charger
<b>Range</b>		
<b>Maximum Range (Miles)</b> *Dependent on model, length and ESS	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.

Equest CHARGE™ is compatible with charging systems available from:



## 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

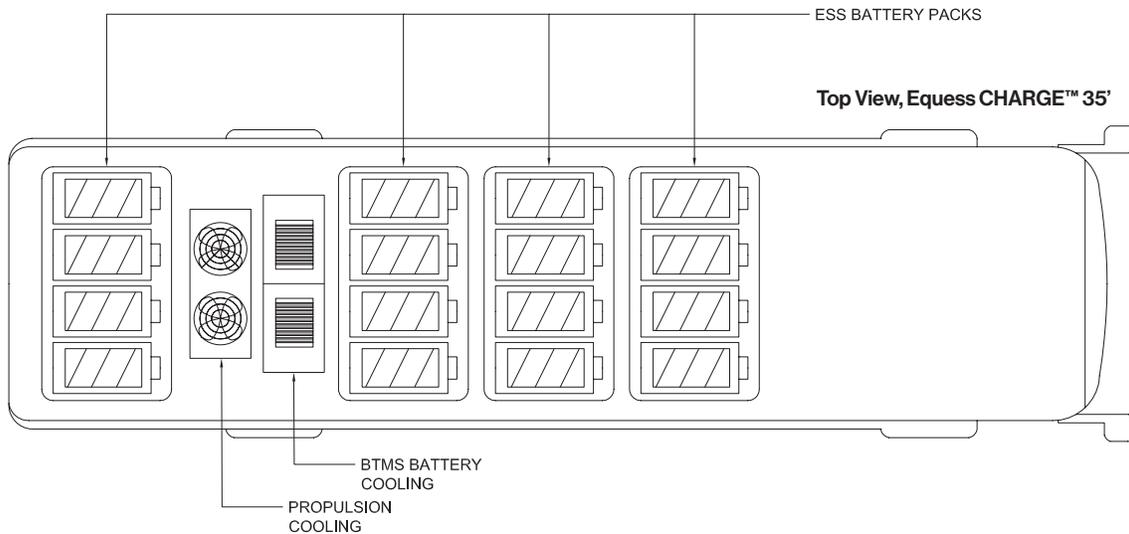
## Range Capability

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

\* Estimated range with long range charge

# How it Works

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



# Warranty

## Components

- Base Bus Warranty
- Basic Bus Structure
- Propulsion System
- Batteries
- Axles
- A/C
- Door Systems
- Air Compressor
- Wheelchair Ramp
- Electrical System
- LED Headlights

Component	Provider	Years	Miles
Base Bus Warranty	ARBOC	3	75,000
Basic Bus Structure	ARBOC	7	350,000
Propulsion System	ARBOC	3	Unlimited
Batteries	ARBOC	6	300,000
Axles	ZF	2.5	125,000
A/C	Valeo	3	Unlimited
Door Systems	Vapor	3	150,000
Air Compressor	PowerEx	1	Unlimited
Wheelchair Ramp	Braun	3	15,000 cycles
Electrical System	Vansco	3	15,000
LED Headlights	J.W. Speaker	6	Unlimited