

# EBUSCO®

## 2.2







EBUSCO®

zero emission

310 STATION

STATION

04 BLT-9



# EBUSCO 2.2

Ever since we started, it was our goal to make the transition from diesel to all-electric public transportation as easy as possible. Only then we are successful in our mission to create value for the city. For us this meant, and still means, our partners should have full confidence in the functional and technical capabilities of our buses. In terms of performance and comfort, the comparison of conventional versus our electric buses should be easy.

Ebusco has always applied high-quality technology for propulsion and battery technology. Engineering, development, innovation and sales are done in-house; innovation is an important driving force in the company's development. Ebusco values the position our living environment has in people's lives. We therefore do not allow ourselves any compromises on technical and functional aspects.



**BATTERY TECHNOLOGY**  
**COBALT FREE AND SECOND LIFE**



**UP TO**  
**450 KM**



**UP TO**  
**90/150 PASSENGERS**

## PROVEN BATTERY TECHNOLOGIE

The optimized LFP batteries have a long life cycle and high safety. LFP batteries diminish the risk of explosion or fire due to high impact, overcharging or a short circuit situation. Moreover, the batteries do not contain any critical metals such as nickel and cobalt.

The End-of-Life for a LFP battery is usually 80%, however reaching EoL does not necessarily mean that a battery will no longer function. For example, it can be used in energy storage applications and Off-Grid systems.

## DRIVER SUPPORT

Outside mirrors can be replaced by cameras, increasing the safety and aerodynamics of the bus;

Automatically adjustable driver seat, dashboard and camera mirror systems 'fit' the driver's workplace around the driver;

To ensure your operations with your Ebusco vehicles are running smoothly, we offer you Ebusco Live, an integrated and fully connected overview on your energy management, maintenance, routing, punctuality, number of passengers and estimated time of arrivals on stops.

## CHARGING SOLUTIONS

The efficient and effective operation of your service is a key focus of Ebusco. The extensive range of the Ebusco 2.2 provides you with the availability you need throughout the day, whilst optimising your charging time and equipment in the best possible way.

By far the most cost effective and efficient solution is depot charging. Our unique system of the two-plug charging approach makes your bus available at the times you need it, whilst protecting your precious battery. It also greatly reduces your investment in charging infrastructure.

The Ebusco 2.2 is available with optional charging strips for a pantograph. The overhead pantograph is activated through a button on the dashboard, enabling opportunity charging to be carried out at a bus stop en route.

# SPECIFICATIONS

<b>Ebusco 2.2</b>	<b>12M</b>	<b>18M</b>
Body type	Low entry / Low floor	Low floor
Door configuration	2 / 3 doors	3 / 4 doors
Passenger capacity	Up to 90 persons	Up to 150 persons
Kerb Vehicle weight	12850 kg	19000 kg
Length	12000 mm	18000 mm
Width	2550 mm	2550 mm
Height	3250 mm	3250 mm
Floor to ceiling height	2350 mm	2350 mm

## Electric drive

Maximum range	Up to 450 km	Up to 450 km
Rated voltage	AC 3-phase 400V	AC 3-phase 400V
Maximum power	2x 125 kW	2x 125 kW
Maximum Torque	22.000 Nm	22.000 Nm

## Batteries

Cell chemistry	LFP	LFP
Cell capacity and voltage	105 Ah, 3,2V	105 Ah, 3,2V
Pack capacity	>350, >400 or >500 kWh	>350, >400 or >500 kWh

## Axles

1st Axle Capacity	8000 kg	8200 kg
2nd Axle Capacity	11500 kg	11500 kg
3rd Axle Capacity		10000 kg



### EBUSCO 2.2 - 10,5 METER

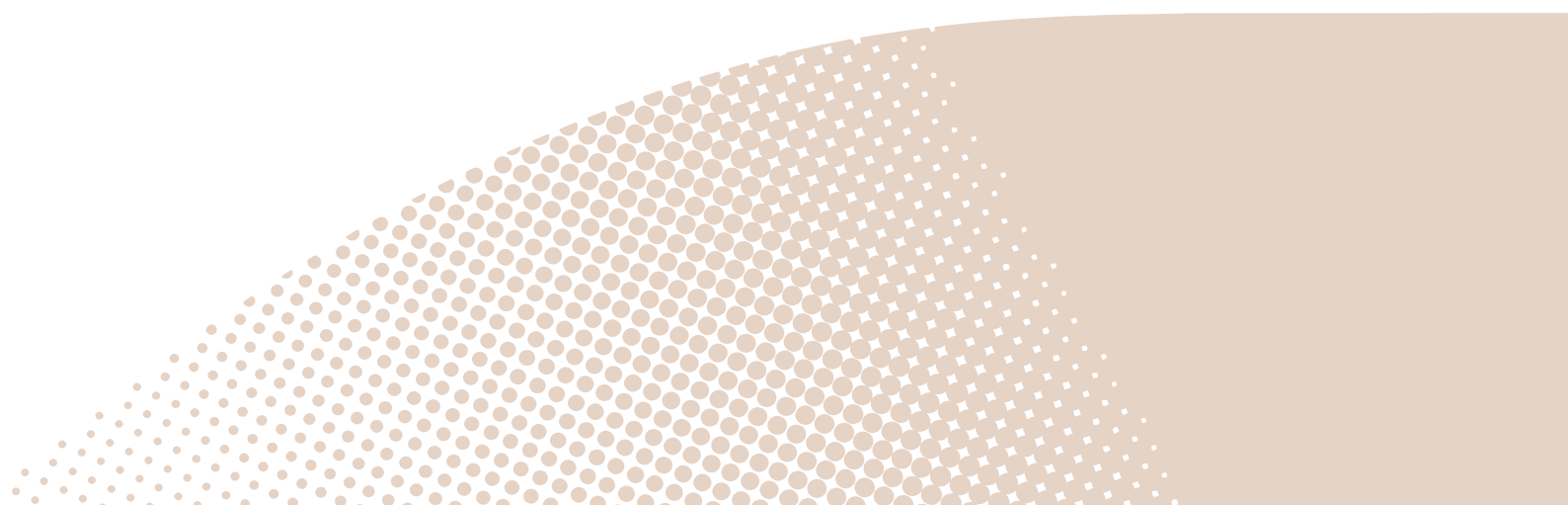
Doors: 2/3 doors  
Body type: Low floor / Low entry  
Capacity: >350 or >400 kWh  
Charging: Plug / Panto



### EBUSCO 2.2 - 13 METER

Doors: 2/3 doors  
Body type: Low floor / Low entry  
Capacity: >350, >400 or >500 kWh  
Charging: Plug / Panto

For more information about the Ebusco 2.2 - 10,5 and 13 meter buses, please check our website:  
<https://www.ebusco.com/electric-buses/ebusco-2-2/>



# “WE INVITE YOU TO DISCOVER OUR BUSES. LET'S CREATE VALUE FOR YOUR CITY TOGETHER.”

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Peter Bijvelds, CEO Ebusco

A better and healthy living environment, in which people can live together with nothing to worry about. Breathe clean air. Enjoy the silence or have conversations without any disruption. That's the main objective of Ebusco. A goal that is getting closer and closer, thanks to the development and production of 100% electrically powered public transport buses. The future is electric, there is no doubt about that.



## **Ebusco (The Netherlands)**

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