

EBUSCO®

MADE TO MOVE PEOPLE

2.2

100% ELECTRIC | ZERO EMISSION



EBUSCO 2.2

THE BUS THAT POWERED A REVOLUTION

Changing an industry does not happen overnight. For many years, fossil fuel buses had the overhand, but the need for change became inevitable. Although this transformation wasn't directly embraced by the market, Ebusco remained steadfast in its determination to prove otherwise. Although the Ebusco 2.2 looks like a traditional bus, it is far from it. Without a legacy in diesel buses, Ebusco started to approach the design directly from an electric point of view. First with the aim of showing that you don't have to compromise on comfort and drivability, in which later, with the implementation of various innovations, Electric driving became even more compelling and cost-effective.

Over the course of numerous years, the Ebusco 2.2 has been proving it's efficiency and reliability. Drawing upon extensive real-world experience this bus has been optimized to become one of the best performing electric buses available in the market today.



RANGE UP TO 550 KM

DRIVING A FULL OPERATION ON A SINGLE CHARGE



PROVEN LEGACY

MORE THAN 500 BUSES ON THE ROAD



PERFORMANCE

SAVING ON CHARGING TIME AND ENERGY COSTS



IN-HOUSE DEVELOPED

OPTIMIZED THROUGHOUT THE YEARS



LFP BATTERIES

SAFEST AND MOST RELIABLE BATTERY CHOICE

PERFORMANCE PROVEN IN PRACTICE

CASE: EBUSCO 2.2 - NOBINA

Customer:	Nobina
Length:	12-meter
Body type:	Low entry
Pack capacity:	> 500 kWh
Taken in operation:	Jan 2022
Kilometers per year:	+/- 90.000 km

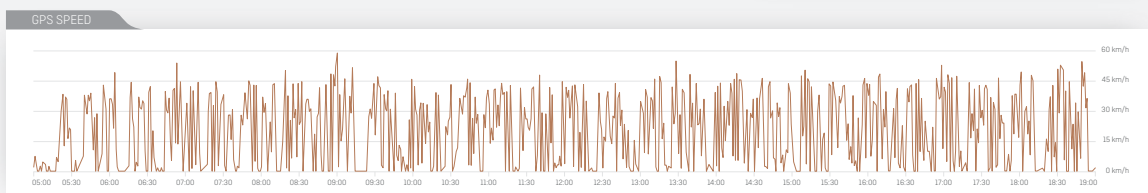
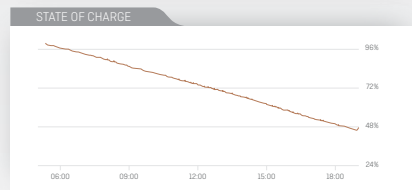
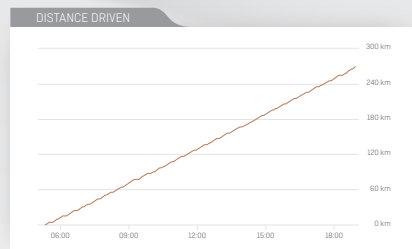
DRIVING ON A SINGLE CHARGE

With multiple repeat orders, Nobina and Ebusco have had a solid partnership for many years. Throughout 2021 and 2022, Nobina introduced a total of 81 Ebusco 2.2 buses across various locations including Holte, Glostrup, Kolding, Roskilde, and Frederikssund. With a battery pack of >500 kWh and consumption between 0.70 and 0.80 kWh per kilometer, these buses can easily drive the operation on a single charge.



ROUTE LOG NOBINA

Date:	August 1, 2023
Start time operation:	05:15 h
End time operation:	18:55 h
Time in service:	15:50 h
Time driving:	09:30 h
Kilometers driven:	270 km
Battery used:	55%
Consumption in service:	0.76 kWh/km



CUTTING-EDGE ELECTRIC BUS

OPTIMIZED THROUGHOUT THE YEARS



SEAT LAYOUT
MULTIPLE CONFIGURATIONS



BATTERY PLACEMENT
ROOF AND BACK

HEIGHT
3,250 MM



EBUSCO 2.2 SPECSHEET

Specifications	12M	13M	18M
Body type	Low entry / Low floor	Low entry	Low floor
Door configuration	2 / 3 doors	2 doors	3 / 4 doors
Passenger capacity	Up to 90 persons	Up to 85 persons	Up to 150 persons
Kerb vehicle weight	12,850 kg	14,070 kg	19,000 kg
Length	12,000 mm	13,000 mm	18,000 mm
Width	2,550 mm	2,550 mm	2,550 mm
Height	3,250 mm	3,250 mm	3,250 mm
Floor to ceiling height	2,350 mm	2,350 mm	2,350 mm
Step-in height	340 mm	340 mm	340 mm
Electric drive			
Maximum range	Up to 550 km	Up to 500 km	Up to 550 km
Rated voltage	AC 3-phase 400V	AC 3-phase 400V	AC 3-phase 400V
Maximum power	2x 125 kW	2x 125 kW	2x 125 kW
Maximum traction torque	22,000 Nm	22,000 Nm	22,000 Nm
Batteries			
Cell chemistry	LFP	LFP	LFP
Cell capacity and voltage	105 Ah, 3,2V	105 Ah, 3,2V	105 Ah, 3,2V
Pack capacity	>350, >400 or >500 kWh	>350, >400 or >500 kWh	>350, >400 or >500 kWh
Axles			
1st axle capacity	8,200 kg	8,200 kg	8,200 kg
Drive axle capacity	Max 13,000 kg	Max 13,000 kg	Max 13,000 kg
3rd axle capacity	-	-	11,500 kg







“THE EBUSCO 2-SERIES HAS BEEN REDEFINING TRANSPORTATION SINCE 2014, SEAMLESSLY BLENDING INNOVATION AND SUSTAINABILITY TO STEER US TOWARDS A GREENER FUTURE ON THE ROAD.”

Peter Bijvelds, Founder Ebusco

Ebusco leads the electrification of transport with innovative zero emission buses, by overcoming major obstacles to electrification. Not hindered by a legacy in diesel buses, Ebusco has proven itself to be an innovative frontrunner in the development of electric buses as well as ancillary products and services to the electric vehicle ecosystem. We believe Ebusco is at the heart of the entire EV ecosystem.

Building on its experience with heavy-duty batteries, Ebusco’s offering comprises everything from zero emission buses to Energy Storage Systems, charging infrastructure, depots, service and maintenance, local energy supply and grid alignment.

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