

V O L V O

Between logistics hubs in comfort

VOLVO FH | FH AERO ELECTRIC



The Volvo FH Electric and FH Aero Electric, is built to make everyday operations run smoothly with a minimal CO₂ footprint. With the ability to carry large volumes of food, consumer goods, industrial supplies, equipment haulage and bulk liquid transport with speed and comfort between logistic hubs.

The range to cover your needs

We tailor the range of your Volvo FH Electric for your applications and your routes.

Plenty of load capacity

Manage gross combination weights up to 50 tonnes or 65 tonnes (on application) on pure electric power with zero tailpipe emissions.

A comfortable workplace

Regardless of which of the five available cab options you choose, you get a comfortable and quiet workplace with outstanding ergonomics and the outstanding safety features Volvo Trucks are renowned for delivering.

Always charged

You can charge the batteries using a DC fast charger rated up to 350kW from 20% to 80% in approximately 60 minutes, keeping operations moving and efficient.

BENEFITS

- ⊕ Five comfortable cab options including the ergonomic Aero cab design
- ⊕ 540 kW continuous power
- ⊕ Range up to 470 km
- ⊕ Proven record in delivering real-world solutions
- ⊕ Expertise that matches your daily transport challenges
- ⊕ One point of contact for all your electromobility requirements.

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Battery capacity

Depending on your range needs and your chassis specs, you can get your Volvo FH or FH Aero Electric with five to six battery packs. It gives you a useable energy storage of 470–540 kWh.

State-of-the-art cabs

You can choose between two different cab sizes including the aerodynamic design of the Aero cab. They all offer lots of space, excellent visibility and great comfort for long work days. As with all Volvo trucks, these cabs are tested under the most extreme conditions.

Your electric driveline

The electric driveline utilises two electric motors and Volvo Trucks' state of the art powershift transmission to use the energy in the most efficient way. This means you have 540 kW of continuous power, offering an instant torque that makes driving easy.

Stay in charge

Based on your operation, we'll help you with a setup to meet your charging needs and if you need higher-capacity charging, we'll provide guidance to find the best solution to suit your operation.



Services for your uptime

The Volvo FH Electric and FH Aero Electric is designed to help you keep your promises to customers. Our Volvo Gold Electric Service Contract covers your complete truck giving you access to everything you need to minimise the risk of unplanned stops.

Range and route support

Our productivity services let you optimise the range for your transport applications and your routes. Range optimisation means you get just the right battery capacity for your transport applications.

The **range and route** service supports you all the way from planning to completion of your applications and routes.

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Axle Configurations: Tractor:
6x4. All axles are air suspended.

Cab: Low sleeper cab, Sleeper cab, Globetrotter XL cab, Aero Sleeper Cab, Aero Globetrotter XL Cab

Gross Combination Weight: Up to 65t (on application only).

Battery capacity: 470–540 kWh, 5–6 batteries.

Range: Up to 470 km.

Charging time (full charge): 60 min with 350kW DC charging.
*Charger and infrastructure dependant.

Driveline: 2 electric motors, 8 speed powershift transmission.

Performance: Up to 540 kW (734 hp) continuous power.



FH Electric



FH Aero Electric