

V O L V O

Between logistics hubs in comfort

VOLVO FH / FH AERO ELECTRIC



The Volvo FH Electric is built to make everyday life run even smoother with a minimal CO₂ footprint. With potential to carry large volumes of food, consumer goods and industrial supplies with speed and comfort between logistic hubs.

The range to cover your needs

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

Plenty of load capacity

Manage gross combination weights up to 65 tonnes on pure electric power with zero tailpipe emissions.

A comfortable workplace

Regardless of which of the five available cabs you choose, you get a comfortable and quiet workplace with outstanding ergonomics.

Always charged

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

BENEFITS

- ⊕ Five comfortable cab options
- ⊕ 540 kW continuous power
- ⊕ Range up to 400 km
- ⊕ Years of real-life experience within electromobility
- ⊕ Expertise that matches your daily transport challenges
- ⊕ One point of contact for all your needs

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Battery capacity

Depending on your range needs and your chassis specs, you can get your Volvo FH 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 for your Volvo FH Electric. 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. It 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 a solution that suits you.

Services for your uptime

The Volvo FH Electric is made to help you keep your promises. Our Volvo Gold Service Contract covers your complete truck giving you access to everything you need to minimise the risk of unplanned stops. Volvo Action Service means access to 24/7 roadside assistance.

Range and route support

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

The Range and Route service supports you all the way from planning to completion of your assignments 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 65 tonnes.

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

Range: Up to 400 km.

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

Driveline: 2 electric motors, 8 speed gearbox.

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



FH Electric



FH Aero Electric