

V O L V O

Flexible regional assignments

VOLVO FM ELECTRIC



The Volvo FM Electric is built to make everyday operations run even smoother with a minimal CO₂ footprint. It's a flexible solution that can easily manage container transport, bulk liquid, high-capacity deliveries, waste management and more. It's an ideal solution for regional transport and operations in busy metro environments.

The range to cover your needs

We tailor the range of your Volvo FM 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 cab options 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 easy-entry cab options
- ⊕ 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 needs

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Battery capacity

Depending on your range needs and your chassis specs, you can get your Volvo FM 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 five different cab options for your Volvo FM 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 will provide guidance to find a solution that suits your charging needs.

Services for your uptime

The Volvo FM Electric is made to help you keep your promises. 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 and Rigid:
6x4. All axles are air suspended.

Cab: Low day cab, day cab, low sleeper cab, sleeper cab, and Globetrotter cab

Gross Combination Weight: Up to 50 tonnes

Battery capacity: 360–540 kWh, 4–6 batteries.

Range: Up to 470 km.

Charging time (full charge): 350 kW DC, 0-100% 99 min*.
*Charger and infrastructure dependent.

Driveline: 2 electric motors, powershift gearbox

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

