

V O L V O

Flexible regional assignments

VOLVO FM ELECTRIC



The Volvo FM Electric is built to make everyday life run even smoother with a minimal CO₂ footprint. It's a flexible tool that can manage container transportation, high-capacity grocery deliveries, and more in busy urban environments.

The range to cover your needs

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

Plenty of load capacity

Manage gross combination weights up to 50 tonnes on pure electric power with zero tailpipe emissions.

A comfortable workplace

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

Always charged

You can either charge the batteries overnight with the AC charger or fast-charge them with a DC charger during your route. Or combine them both.

BENEFITS

- + Three easy-entry cab options
- + 490 kW continuous power
- + Range up to 300 km
- + Years of real-life experience within electromobility
- + Expertise that matches your daily transport challenges
- + One point of contact for all your needs

Volvo Trucks. Driving Progress

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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 450–540 kWh.

State-of-the-art cabs

You can choose between three different cab sizes for your Volvo FM Electric. They all offer easy entry, 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 three electric motors and Volvo Trucks' state of the art I-Shift transmission to use the energy in the most efficient way. It means you have 490 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 FM 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 Dynafleet 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: 6×4.
All axles are air suspended.

Cab: Low sleeper cab, Sleeper cab, Globetrotter cab.

Gross Combination Weight: Up to 50 tonnes.

Battery capacity: 450–540 kWh, 5–6 batteries.

Range: Up to 300 km.

Charging time (full charge): 10 h with AC charging and 2 h with DC charging. *Charger and infrastructure dependant

Driveline: 3 electric motors, I-Shift gearbox.

Performance: Up to 490 kW (666 hp) continuous power

