F-LINE E

HIGHLIGHTS

TRUCKS

Sharing the load

Long Range

Ford Trucks F-LINE E models are designed for long-distance transportation, offering a range of up to 300 km (actual range depends on driving style, usage, road type, and ambient temperature). With a battery capacity of up to 392 kWh, longer trips can be made with fewer charging stops, increasing operational efficiency.

Fast Charging & Charging Infrastructure

The F-LINE E supports DC CCS2 fast charging-up to 285 kW for 6x2 and up to 213 kW for 4x2 models. Charging from 20% to 80% under optimal conditions takes around 50 minutes, minimizing downtime during daily operations.

Payload Capacity Efficiency

The 4x2 model supports up to 19 tons and the 6x2 up to 27 tons of technical capacity. High payload efficiency reduces trips and lowers operational costs.

Powerful Torque

F-LINE E delivers continuous power between 235–310 kW, with peak power reaching 390 kW. Instant torque from the electric motor ensures strong performance, especially during hill climbs and heavy-duty operations.

Low Noise Operation

The quiet electric motor provides a low-noise driving experience, ideal for city and night use. Reduced cabin noise also helps lower driver fatigue on long routes.

Energy Recovery Regenerative Braking

Regenerative braking recovers kinetic energy during deceleration, improving range by 10–20% depending on usage—especially valuable for stop-and-go applications like garbage collection or city distribution. ICE vehicles, in contrast, lose this energy as heat.

Legal Advantages & ZEV Incentives

F-LINE E benefits from incentives for zero-emission vehicles, including entry to restricted city zones and cost-saving policies depending on local regulations.

Energy & Operational Cost Savings

Electric motors reduce fuel and maintenance costs, significantly lowering the total cost of ownership.

Flexible Configuration & Wheelbase Options

Available in 4x2 and 6x2 configurations, with wheelbase options from 4250 mm to 6550 mm, F-LINE E adapts to diverse operational needs.

Optimized Aerodynamics

A uniquely designed front grille enhances aerodynamics, helping reduce energy consumption and improve range.

Advanced Connectivity & Infotainment

Equipped with modern connectivity and an intuitive infotainment system for a seamless driving experience.

Multi-Mode Driving (Eco / Power)

Drivers can switch between energy-saving and high-performance modes based on the task at hand.

Durability & Build Quality

Built to endure extreme conditions—from the freezing cold of Scandinavia to the heat of the Gulf—thanks to rigorous durability testing of its structure and powertrain.

Advanced Battery Technology

Fitted with NMC (Nickel Manganese Cobalt) batteries, offering high energy density, longer life, compact size, and improved safety.

Power Share for Auxiliary Equipment

High-voltage power distribution system ensures reliable energy supply to units like fridges or coolers.

Electromechanical PTO

Supports auxiliary systems such as garbage compactors or water tanks via an electromechanical Power Take-Off system.

Thermal Management System

Integrated cooling keeps both battery and power electronics at ideal temperatures under all conditions.

Smart Battery Hostelling

Prevents overcooling at low temperatures to slow aging and prolong battery life.

Battery Health Monitoring

Real-time health tracking ensures long-term performance and operational peace of mind.

Charging Mode Flexibility

Choose between long-life or fast-charging modes to optimize performance and battery life.

Customizable SOC Limits

Drivers can set preferred State of Charge (SOC) thresholds via the multimedia interface.

Programmable Pre-Conditioning

Battery temperature can be pre-adjusted for optimal performance before use.

Towing Mode

Allows the truck to be towed without disconnecting the driveshaft or lifting the front axle, enabling easy recovery.