

**CF ELECTRIC**  
**EXTENDED E-RANGE**  
200 KILOMETRES



**CF**

**DAF**

# EXTENDED ELECTRIC RANGE



DAF leads the way  
in fully electric driving

The latest CF Electric is the third generation of DAF's fully electric truck, with an operating range that extends to 200 km\*. Our three-axle rigid and two-axle tractor configurations are based on the award-winning CF. Their powerful e-motor, high-performance battery pack and fast charging time make them ideal for high-payload distribution in urban areas. And with zero emissions and low noise, the CF Electric meets the most demanding environmental regulations and business needs.

# Proven e-technology

The intelligent powertrain of the DAF CF Electric is based on tried and tested e-technology; a field in which DAF is a leading global innovator. It's a proven approach that provides the perfect balance between power, performance and energy efficiency.

## **Power right from the start**

The heart of the driveline is a 210 kW (240 kW peak) e-motor that delivers a continuous torque of 2.000 Nm with a peak of 3.600 Nm. This makes the motor ideal for high-payload distribution applications. As the motor is electric, the high torque is available from standstill – which makes it a great driving experience.

## **High-performance battery pack**

The e-motor is powered by a 600 V battery pack designed to achieve the perfect balance between weight, volume, lifetime and charging speed. Incorporating the most robust batteries on the market, this temperature-conditioned battery pack ensures high performance irrespective of the external temperature. It has a total useable capacity of 315 kWh, giving the CF Electric an extended range of 200 km\*. The CF Electric tractor unit has a gross combination weight of up to 37 tonnes. Applying the latest battery technology also results in a 700 kg weight saving, which directly benefits the payload. This makes the CF Electric perfect for city operation and shuttle services.

## **Fast charging time**

The batteries can be charged with a range of off-board DC chargers of up to 250 kW / 400 A using a common CCS Combo2 plug. Charging time to full charge is around 75 minutes. This creates maximum efficiency and the possibility to integrate the charging process into daily transport planning and operations.

## **Braking to charging**

When the accelerator pedal is released, regenerative braking by the motor helps to recharge the batteries. Using the steering column stalk, the braking performance can be increased in three steps. The result of this extra braking power is lower maintenance costs due to reduced wear on the service brakes.

## **Optimal energy efficiency**

All auxiliaries, like the air compressor, steering pump and cooling units, have their own DC/AC inverter. This ensures that the electrics are fine tuned for optimal energy efficiency.

## **Partner in business**

There is more to achieving zero-emission transport than purchasing an electric truck. To achieve a successful zero-emission transport solution, DAF has developed advanced route-analysis and simulation tools. Experienced DAF sales consultants use these tools to map a zero-emission transport task based on various DAF E-truck configurations and charging equipment specifications. They explore alternative technical solutions, provide clear insight into the implications of these solutions, and determine the optimal solution for a zero-emission transport assignment. Throughout all these steps we closely collaborate with our customers.

## **Electric truck service**

An electric truck requires different servicing than traditional trucks. The DAF dealer has the most up-to-date knowledge along with specialists who are fully trained and certified to keep your trucks on the road.

## **Expanding the Electric range**

With this third generation of electric trucks, DAF introduces its three-axle configuration FAN with electric driveline. It uses the same technology as the tractor unit that has already been driven hundreds of thousands of kilometres by many customers. This new configuration can be used in multiple applications from waste collection to distribution, making it another perfect solution for zero-emission transport.

\* Depending on the application, driving circumstances and load.



# Towards a cleaner future with DAF

For cleaner, quieter transport solutions, electrification is the way ahead. With its extended range of 200 km\*, the DAF CF Electric reduces the carbon footprint of transportation, and helps companies meet their sustainability objectives. Additionally, the CF Electric's almost silent powertrain helps reduce noise pollution in city centres. With such a range of benefits, DAF electric trucks continue to lead the way towards a better environment.

## Zero (tailpipe) emissions

With its fully electric driveline, the DAF CF Electric produces zero CO<sub>2</sub> and NO<sub>x</sub> emissions and emits no particulate matter (PM). As a result, the CF Electric contributes to better local air quality. When charging the truck with electricity generated by solar energy, wind energy or hydroelectric power, the overall CO<sub>2</sub> emissions are zero.

## VEHICLE SPECIFICATIONS

GCW	37 tonnes
GW	28 tonnes
Power	210 kW
Range	200 - 220 km*
Fast charge time	75 min

# Superb driver comfort

The CF Electric offers drivers a high-end interior with the excellent driver comfort that DAF trucks are renowned for.

## **Driver configurable switches**

With its clear and intuitive layout, the dashboard is easy – and comfortable – to use. Thanks to smart vehicle electronics, individual switches can be positioned according to specific transport requirements and the personal preference of the driver.

## **Excellent driver information**

The driver information panel provides precise information about battery state of charge level, average energy consumption, momentary energy consumption and regeneration level.

## **Great-looking trim**

The dashboard comes in Dark Sand trim with Black Rock deco panels as standard. The deco panels also come in the colours Rustica (wood structure) and Argenta (silver). The interior can be upgraded with superb Exclusive trim on dashboard and doors. The result is an extremely luxurious working environment for the driver.



# DAF Services

## DAF MultiSupport

This extensive range of repair and maintenance contracts leads to predictable costs as well as maximum peace of mind. Whichever contracts are chosen, they all offer the highest quality of service and support for the vehicles.

## DAF International Truck Service (ITS)

Fast and professional help around the clock is available on the road, throughout Europe. Call +31 40 21 43000 to speak directly to an ITS operator.

## PACCAR Parts

Besides original DAF and PACCAR engine parts, PACCAR supplies over 60,000 universal TRP Truck & Trailer parts for all makes of trucks and trailers, throughout Europe.

## DAF Driver Academy

DAF Driver Training helps drivers to improve their driving performance in terms of safe and efficient driving.

## DAF Dealer Network

A DAF dealer is never far away. Throughout Europe, our customers can count on around 1000 DAF dealers and sales & service points for tailored advice and impeccable service.

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