

350 kWh battery pack

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Webasto has introduced its commercial vehicle (CV) Standard Battery System.

DAF is at the forefront of the development and sale of fully electric trucks. Field operational tests of the first models of the CF Electric already began in 2018 with Dutch and German customers, after which the second generation – equipped with new software and a new dashboard – went on sale last year.

The DAF CF Electric is ideal for zero emissions and quiet use in urban areas, including general distribution requirements, supplying supermarkets and waste collection. DAF currently offers the CF Electric as a 4x2 tractor (GCW: 37 tons) and as a 6x2 rigid with steered trailing axle for maximum manoeuvrability (GVW: 28 tons).

The newest generation of CF Electric vehicles builds upon the proven reliability and user-friendliness of previous generations. A new addition to the current generation is the lithium-ion battery pack with a capacity of 350 kWh (315 kWh effective capacity). In addition to being more powerful, the battery pack is also much lighter – no less than 700 kg. This reduction translates directly into higher payload capacity. The battery is conditioned, meaning that the temperature always remains between 25 and 45 degrees Celsius, regardless of the weather, which supports durability and the consistent level of performance of the battery pack.

Thanks to the increased capacity of the battery pack – which retains approximately the same dimensions – the CF Electric now has a range of over 200 kilometres, a twofold increase compared with previous generations. Fully charging the battery is usually carried out at the truck's home base and takes about 75 minutes using a charging station with a capacity of 250 kilowatt. Recharging the battery while (un)loading or during the driver's break, it is possible to drive up to 500 fully electric kilometres a day in the DAF CF Electric. This is very advantageous in terms of the truck's productivity and efficiency.

The use of electric vehicles requires a specific approach from the customer. That is why DAF offers its customers support through advanced route simulation models to help devise the most efficient planning for their vehicle, including useful advice on smart and efficient recharging of the battery. DAF also offers advice – together with selected suppliers, such as VDL – regarding the optimal charging infrastructure.

“With its increased range, the new CF Electric strengthens our position at the forefront of electric road transport,” says Ron Borsboom, Executive Director DAF Product Development. “This truck has been developed in response to the rising demand for better air quality in our cities and lower CO2 emissions. 500 fully electric kilometres per day is something transporter operators can really work with.”



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Chassis:4x2Wheelbase:380 centimetresWeighttractor:9,000 kg Electricmotor:210 kWTorque:2000 NmBatterycapacity:350 kWh (315 effective capacity)Rangefully charged vehicle: up to220 kmQuick chargebatteries:75 minutes(at250kW)

Chassis:6x2,trailing axleWheelbase: 380/420/460/480 centimetresWeight rigid:10,200 kgElectric motor:210 kWTorque:2,000 NmBattery capacity: 350 kWh (315effective capacity)Range fully charged vehicle: up to220 kmQuick charge batteries: 75 minutes(at250kW)

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