

Specifications

	XB Electric			XD Electric				XF Electric	
Cab versions	Day Cab			Day Cab				Sleeper Cab	
	Extended Day Cab			Sleeper Cab Sleeper High Cab				Sleeper High Cab	
Available configurations									
	FA 12t (4x2)	FA 16t (4x2)	FA 19t (4x2)	FT (4x2)	FA (4x2)	FAN (6x2)	FAG (6x2)	FT (4x2)	FAN (6x2)
Gross Vehicle Mass (t)	12	16	19	20.5	21.5	29	29	20.5	29
Gross Combination Mass (t)	-	-	-	50	50	50	29	50	50
E-motor	EX-M1 120 kW	•	-	-	-	-	-	-	-
	EX-M2 190 kW	-	•	-	-	-	-	-	-
	170 kW	-	-	-	•	•	•	-	-
	EX-D1 210 kW	-	-	-	•	•	•	-	-
	270 kW	-	-	-	•	•	•	-	-
	270 kW	-	-	•	•	•	-	•	•
	EX-D2 310 kW	-	-	•	•	•	-	•	•
	350 kW	-	-	•	•	•	-	•	•
Wheelbase (cm)	430-570	450-670	445-690	390	390-610	380-610	430-540	390	420-610
Battery pack(s)	1* 141 kWh	•	-	-	-	-	-	-	-
	2 210 kWh	•	•	-	•	-	-	-	-
	2* 282 kWh	•	•	•	-	-	-	-	-
	3 315 kWh	-	-	-	•	•	•	-	•
	4 420 kWh	-	-	-	•	•	•	•	•
	5 525 kWh	-	-	-	•	•	•	•	•
Charging	• 22 kW AC + 150 kW DC			• 22 kW AC + 150 kW DC • 150 kW DC • 325 kW DC				• 22 kW AC + 150 kW DC • 150 kW DC • 325 kW DC	
ePTO	• 25 kW DC • 90 kW DC			• 25 kW DC • 90 kW DC				• 25 kW DC • 90 kW DC	

\* exclusively available for XB Electric

Durable battery technology

In order to deliver the best battery performance in terms of durability and range, DAF is the first in the industry to adopt LFP (lithium ferro phosphate) battery technology. Without using toxic materials like cobalt and rare earth materials like manganese and nickel, LFP is a truly sustainable composition for batteries. Furthermore, LFP has the best durability and longevity, giving us at DAF the opportunity to deliver the most usable energy. This is why DAF Electric trucks can use up to an industry leading 88% of the total installed energy capacity.

Warranty and service

A major benefit of an electric driveline is the limited maintenance that is required. Furthermore, DAF Electric trucks benefit from the same vehicle warranty that all other New Generation DAF trucks have. DAF additionally offers an industry leading 4 MWh/kWh (8-year) warranty on the DAF Electric high voltage battery packs.

DAF Services

PACCAR CONNECT

Our connected services give you better control of your business processes. Simplify your daily operations using our user-friendly Portal Services, get deeper insights into the performance of your fleet with our open, secure Data Services, and enjoy the added flexibility offered by our trusted Mobile Services.

Accessed through the PACCAR Connect Portal, all our services are available 24/7/365. Helping you increase vehicle uptime, reduce operational costs and optimise logistical efficiency. With simple-to-use technology that you can trust to keep your confidential data safe.

DAF MULTISUPPORT

With technology evolving constantly, the service and maintenance of electric trucks becomes ever more complex, requiring specialist support. With DAF qualified technicians and premium parts, we ensure your trucks spend the least amount of time in the workshop and the most amount of time on the road. All DAF electric vehicles come with the recommended option of a Full Care service plan and 24/7 extended breakdown support so that your fleet remains in top condition, achieving maximum uptime.

PACCAR FINANCIAL

As DAF's in-house finance provider, PACCAR Financial provides tailored and complete financial

services to the transport sector. A unique understanding of your day-to-day business makes PACCAR Financial your partner of choice.

PACCAR POWER SOLUTIONS

Provides a charging infrastructure and energy solutions for electric heavy duty trucks. The products & services portfolio covers turnkey solutions and service packages for depot charging and destination charging. All offered solutions are brand agnostic.

DAF DRIVER ACADEMY

DAF Driver Training helps drivers to improve their performance in terms of safe and efficient driving. The DAF Academy also provides specific training covering charging, range, regenerative braking and other key points when driving an electric truck.

DAFaid

Fast, professional help is available 24/7 on the road, throughout the UK. Call 0800 919395 to speak directly to a DAFaid operator.

DAF DEALER NETWORK

A DAF dealer is never far away. Throughout Europe and the UK, our customers can count on around 1,000 DAF dealers and sales & service points for tailored advice and impeccable service.

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A PACCAR COMPANY DRIVEN BY QUALITY

NEW GENERATION DAF ELECTRIC

Technical  
Specifications

Powering  
your Success



Driving zero emissions

HQ-EN-0824

A PACCAR COMPANY DRIVEN BY QUALITY







# Combining the best of both worlds

The award winning range of New Generation DAF trucks is now available with a highly efficient electric powertrain. Built on the same platform focused on efficiency, safety and direct vision, the DAF Electric range offers the best of both worlds: the best DAF ever built with advanced technology contributing to a more sustainable future.

## NEW GENERATION DAF

- Optimal aerodynamics
- Unmatched driver comfort
- Best in class direct vision
- State of the art digital systems
- Industry leading safety

## ELECTRIC POWERTRAIN

- Efficient driveline
- Sustainable
- Durable battery technology
- Versatile applications
- Low maintenance

## DAF ELECTRIC

The truly state of the art and futureproof solution to your transport needs, whether it requires local distribution, regional transport, or a specific municipal application.

## New Generation DAF Electric range

To offer a tailored solution to your electric transport needs DAF has created a complete range of electric vehicles. Our XB Electric has the proven technology and sturdiness for the city. Our XD Electric is the all-round electric solution with the best distribution cab in the business. Our XF Electric, with its unparalleled interior and exterior design, is the premium choice for regional haulage.

# The power of efficiency

Even before you enter the vehicle, it is already preparing for your journey. All systems start pre-activation when you open the door so that the truck is ready to go when you turn the key. Shifting is seamless and braking charges your batteries, making the ride smoother than ever! Due to DAF's e-Drive Control system, 95% of the time, you will only need to use one pedal, saving as much energy as possible with regenerative braking.

## SMART PLANNING

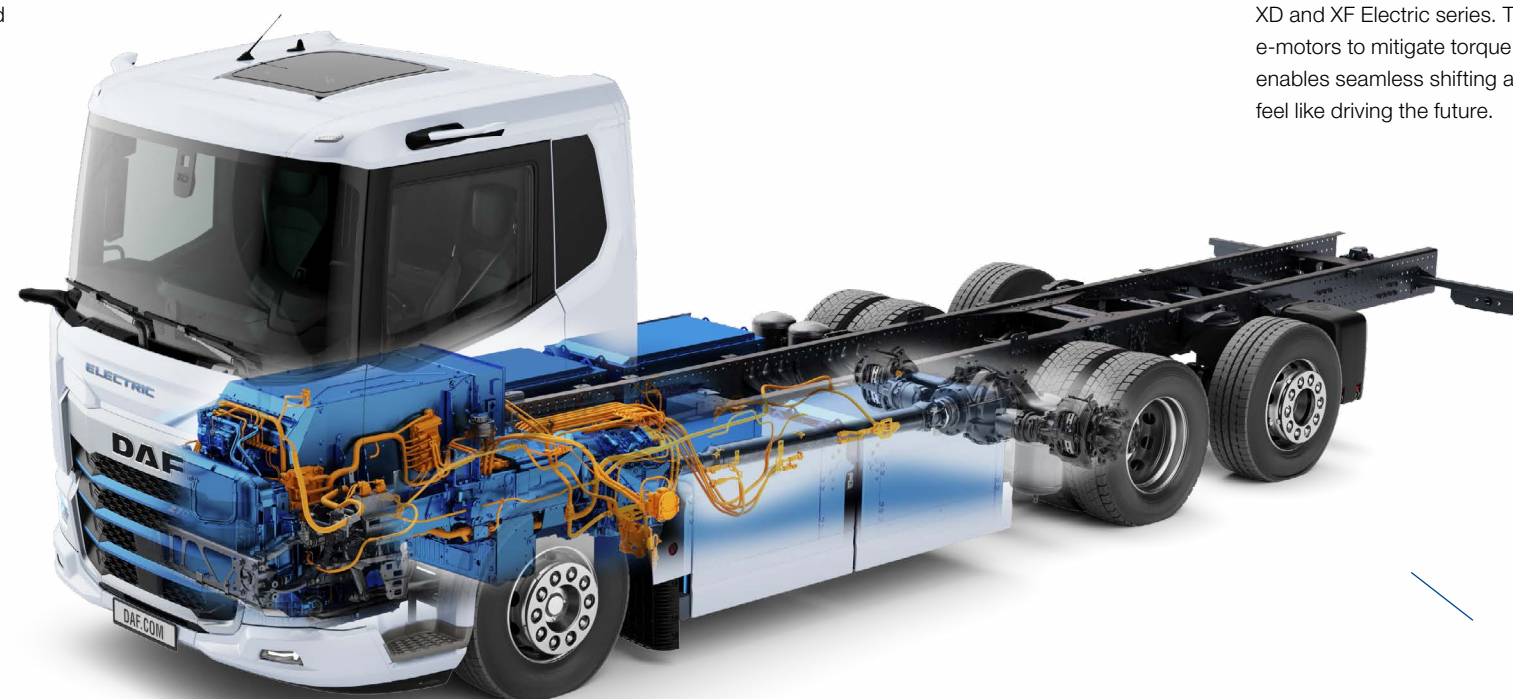
Your DAF Electric truck charges in the most efficient way, based on your needs. Just tell it how far you need to drive after charging, when you want to start driving again, and it will charge while keeping a close eye on your battery health. It will also have the cab conditioned and comfortable at the desired time of departure.

## VERSATILE APPLICATIONS

To ensure that you have all the power you need for the job, DAF Electric trucks can be configured with 25, 90 (XD/XF), or 90 kW (XB) 650V DC electric power take-off (ePTO). This instantly available electric power can be used for all types of applications, including refrigeration or refuse collection, offering the most efficient and adaptive form of power take-off.

## EFFICIENCY AND RANGE

When talking about electric trucks we have to talk about efficiency and range. Due to the modular configuration of the DAF Electric trucks, there is plenty of choice in terms of energy storage. The range depends on your configuration, application, driving style, and numerous other factors like the use of auxiliaries. The average energy consumption for the most typical of situations ranges from 0.7 to 1.2 kWh/km. Our XB Electric is capable of reaching up to 350 km, while the XD and XF may even reach up to 500 kilometres on a single charge.



## FAST CHARGING

Key to uptime is recharging as quickly and efficiently as possible. There are multiple ways to achieve this. DAF Electric vehicles come with the industry standard CCS2 charging sockets to facilitate quick charging. DAF Electric includes an AC charging solution (22 kW) as well as fast charging options ranging from 150 to 325 kW. An 80% charge can be achieved in 45 minutes (for a 420 kWh battery pack), keeping you on the road as much as possible! As a complete mobility provider DAF can facilitate in creating an ideal charging infrastructure with our PACCAR chargers.



## SMOOTH DRIVING

The DAF Electric model range features a full range of highly efficient central drive powertrains. From the 120 to 190 kW direct drive electric motors of the XB Electric, to the powerful 170 to 350 kW e-motors with automated transmission systems for the XD and XF Electric series. The powershift technology, using two e-motors to mitigate torque differences when changing gear, enables seamless shifting and makes driving these electric trucks feel like driving the future.

## OPTIMAL CONFIGURATION

There are all kinds of options to create the electric truck that fits your needs. Both tractor and rigid chassis are available as well as different cab versions and single or combination configurations. At DAF we want to make sure that you get the best truck for the job and we can advise on picking the right configuration with focus on payload, range, and cost of ownership. Furthermore, we are happy to assist in making the right decision for your application in terms of energy capacity and charging options.

## ADAPTABLE CAPACITY

To provide for all your needs, the DAF Electric series can be configured with various numbers and configurations of battery packs. You can install more battery packs for increased energy capacity (141 to 525 kWh) and range for long haul transport. It is also possible to install less battery packs to create free space on one side for a specific body, such as a side loader. As an early adopter of the LFP technology DAF has elected for the safest, most durable, and most sustainable battery technology around: with a high cycle life without using rare earth materials.

Scan for more info on  
DAF Electric and try the  
range calculator.



## DAF XB ELECTRIC

Clean, silent, compact, and highly manoeuvrable, the XB Electric is the truck built for the city. The onboard AC charger, which enables charging anywhere, and the DC charger for fast charging, provide real operational flexibility. Range up to 350 km.



## DAF XD ELECTRIC

Advanced safety features. State-of-the-art powertrain. Superb driver comfort. Low mounted cab. Characteristics that make the XD Electric ideal for regional and city distribution. An all-round transport solution for zero emission applications. Range up to 500 km.



## DAF XF ELECTRIC

The highly efficient electric motor and Lithium Ferro Phosphate (LFP) battery packs guarantee outstanding performance and the highest durability in all of DAF's electric vehicles. With the unparalleled interior and exterior design, the XF Electric is a premium choice for regional or national haulage. Range up to 500 km.