


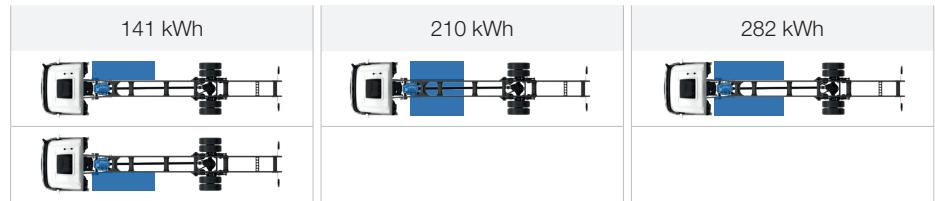


Configuration and options

XB Electric			Energy Capacity (kWh) installed available			Day Cab	Extended Day Cab
	XB 12t	PACCAR EX-M1 (120kW)	141 124	210 185	282 248		
	XB 16t	PACCAR EX-M2 (190kW)		210 185	282 248		
	XB 19t	PACCAR EX-M2 (190kW)		210 185	282 248		

Battery configurations



Highlights

- Available as 12t, 16t and 19t 4x2 Rigid
- Battery packs of 141, 210, and 282 kWh
- Charging with AC (22 kW) and fast charging with DC (150 kW)
- New Generation DAF look-and-feel
- Efficient direct drive
- Best-in-class manoeuvrability
- Up-to-date with ADAS and cybersecurity requirements
- Industry leading battery warranty: 8 years, 4 MWh/kWh, 70% SoH

Options

- ePTO 25 kW (01809) or 90 kW (04320)
- Wheelbase from 430 to 570 cm
- Kerb view window (07343)
- PACCAR Connect (07707)

DAF XB Electric



DAF XB FA Electric

The XB Electric 4x2 rigid (FA) offers the ideal solution for transporting various goods sustainably in urban environments. Thanks to its powerful electric motor, the possibility to use both AC- or DC-charging methods, short charging times, and a 25/90 kW ePTO, the XB Electric provides a high level of flexibility. This flexibility enables drivers to operate the vehicle without having to worry about charging the vehicle during working hours and offers them the possibility to transport a wide range of (non-)temperature controlled goods.

NEW GENERATION DAF LOOK-AND-FEEL

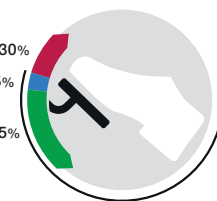
The XB Electric has been completely updated to fit in with the rest of the family. The front grille has been redesigned and the electrical architecture platform is now exactly the same as for its XD and XF Electric sisters. On top of this, the XB Electric also has the same Digital Instrument Panel, well-known from the New Generation DAF series, and has been updated with new upholstery. New mirror design offers improved direct and indirect vision.

E-MOTOR

The powerful permanent magnet motor provides motive power (120 or 190 kW) and also recovers electrical energy during braking by using E-Drive Control. Efficiency is maximised thanks to the direct drive design, and with its brushless construction the motor is maintenance free.

BATTERY ENERGY STORAGE

The XB Electric offers various configurations of battery energy, offering either 141, 210, 282 kWh of installed energy. The LFP batteries offer 88% depth of discharge, the most in the medium-duty sector. The available amount of energy therefore is 124, 185, and 248 kWh, respectively.



E-DRIVE CONTROL

In order to maximise efficiency, DAF E-Drive Control can be engaged to use the electric motor for recuperating energy when braking. When E-Drive Control is activated through the right-hand stalk, the truck can be controlled by just using the accelerator pedal. The bottom 65 per cent of the pedal stroke is used for acceleration. The top 30 per cent is used for braking (and recuperating energy to the batteries). The 5 per cent in between can be used for freewheeling. The maximum amount of available braking power is equal to the rated motor power.

CHARGING SYSTEMS

The XB Electric comes with possibilities to charge both through Alternating Current (up to 22 kW) and Direct Current for fast charging up to 150 kW. This means that it is not always required to invest directly in expensive (DC) charging equipment, and/or electrical infrastructural changes to charge the XB Electric. In most cases, low cost AC charging equipment will suffice to for city distribution applications.

BODYBUILDER FRIENDLINESS

With the same characteristics as its diesel powered sister, the XB is conveniently built for bodying. With an option to keep one side free of batteries, flexibility is improved. A 25 or 90 kW e-PTO is optionally available for the XB Electric and is ideal to power refrigeration bodies. There are also various PACCAR Bodies available for the XB Electric chassis/body models as ex-factory body solutions.

PLANNING AND CHARGING

Through the DAF Electric specific menu, you can plan charging whenever it's convenient for you. This means you can use energy price fluctuations and charger availability to your advantage. In addition, you can tell the truck exactly when you want to leave, so it makes sure the cab is all nice and comfy by the time you plan to set off.

EFFICIENCY AND RANGE

Using E-Drive Control as much as possible, the range can be extended especially in urban use. The XB Electric can drive up to 320 kilometres, depending of course on configuration, route, and driving style.

INDUSTRY LEADING BATTERY WARRANTY

Our LFP batteries, introduced to the truck industry by DAF in its previous generation of electric trucks, offer the best cycle life, sustainability, and safety properties. On top of that, DAF offers the best battery warranty in the business, guaranteeing 70% State of Health after 8 years or 4 MWh/kWh of energy use, equivalent to 4.000 charging cycles.

