

Configuration and options

XG+ Electric						
	FT 4x2		FAS 6x2		FAT 6x4	
	FTG 6x2		FAN 6x2		FAW 8x4	
	FTN 6x2					

Motor	Power (kW)	Energy Capacity (kWh)			XG+ Cab
		installed available			
PACCAR EX-D2	270	315 277	420 370	525 462	
	310		420 370	525 462	
	350		420 370	525 462	

DAF XG+ Electric

Battery configurations

315 kWh	420 kWh		525 kWh



Highlights

- Available as
 - FT 4x2, FTG 6x2, and FTN 6x2 tractor
 - FAS (6x2), FAN (6x2), FAT (6x4), and FAW (8x4) rigid
- 315, 420, or 525 kWh energy capacity
- GVW Bonus: Up to 2 tonnes can be added up to the technical limit
- Efficient powertrain with integrated powershift transmission
- Brake resistor for endurance braking and extra range (combination only)
- New Generation DAF efficiency, safety and driver comfort
- Up to date with ADAS and cybersecurity requirements
- Best battery warranty: 8 years, 4 MWh/kWh, 70% SoH

Options

- Charging capacity of 150 kW DC (01745), 150 kW DC + 22 kW AC (01749) or 325 kW DC + 22 kW AC (03677) or 325 kW DC (01756)
- ePTO 25 or 90 kW
- Kerb view window (07343)
- DAF Digital Vision System (01362)
- DAF Corner View (01913)
- PACCAR Connect (07707)

DAF XG+ Electric

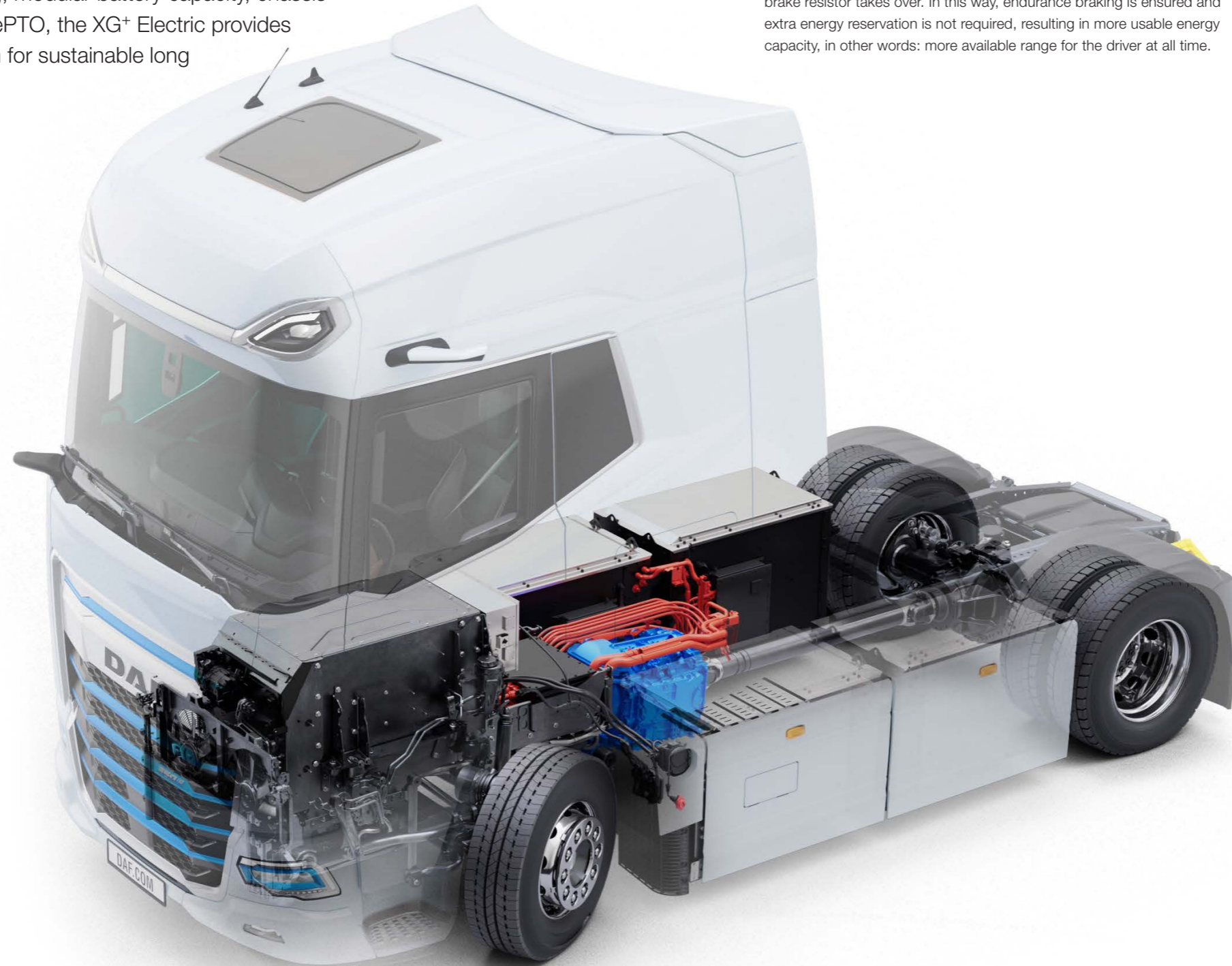
The XG+ Electric is DAF's flagship zero emission long haul solution. The unparalleled cab, combined with the most comfortable electric driveline makes the XG+ Electric the electric truck to impress. Thanks to its powerful electric motor, the possibility to use up to 325 kW DC-charging, modular battery capacity, chassis configurations, and 25 or 90 kW ePTO, the XG+ Electric provides the optimal and next level solution for sustainable long haul transport.

NEW GENERATION DAF LOOK-AND-FEEL

The XG+ Electric is of course a complete New Generation DAF product with its archetype allongated cab, offering specific cab features in terms of efficiency, safety and driver comfort. In addition, the XG+ Electric is fully up to speed with ADAS developments and cybersecurity regulations.

POWERTRAIN AND DRIVELINE

The powerful and efficient integrated electric powertrain with integrated powershift transmission (270 to 350 kW) offers plenty of power and torque, and also recovers electrical energy during braking by using DAF One Pedal Drive. Making use of carry-over drivetrain parts from DAF's diesel-powered vehicles, providing proven reliability, there is plenty of choice.



ENDURANCE BRAKING AND BRAKE RESISTOR

In the case of endurance braking, that is, braking for a longer period of time, for example when going downhill, most of the energy is recuperated. In some cases the required energy capacity is not fully available and our brake resistor takes over. In this way, endurance braking is ensured and extra energy reservation is not required, resulting in more usable energy capacity, in other words: more available range for the driver at all time.

PLANNING

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 start driving. By the time you plan to set off it ensures that the cab is all nice and comfy. Of course, these functions are also available in PACCAR Connect, including the visibility of available charging stations.

ENERGY CAPACITY

The XG+ Electric offers various configurations of battery energy, offering 315 to 525 kWh of installed energy capacity. The LFP batteries offer 88% depth of discharge. The available amount of energy therefore is 277, 370, and 462 kWh, respectively.

INDUSTRY LEADING BATTERY WARRANTY

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. Built without using rare earth materials, LFP batteries offer the best future proof solution. On top of that, DAF offers the best battery warranty in the business, guaranteeing 70% State of Health over 8 years or 4 MWh/kWh of energy use. This is equivalent to 4.000 charging cycles.

EFFICIENCY AND RANGE

Of course, the New Generation DAF offers the best aerodynamic chassis and cab design in the business, especially when combined with the DAF Digital Vision System and DAF Corner View. Using the DAF One Pedal Drive as much as possible, the range can be extended especially in urban circumstances. The XG+ Electric can reach a range of over 500 km, depending, of course on load, configuration, route, and driving style

CHARGING

The XG+ Electric comes with possibilities to charge both through AC (up to 22 kW) and DC for fast charging for 150 or 325 kW.



DAF ONE PEDAL DRIVE

In order to maximize efficiency, DAF One Pedal Drive functionality can be engaged to use the electric motor for recuperating energy when braking. When regenerative braking is activated through the right-hand stalk, the truck can be controlled by just using the accelerator pedal. The effect of the pedal stroke position will vary depending on driving conditions to make the one pedal driving feel as smooth and intuitive as possible. The maximum amount of available braking power has three levels: 33%, 67%, or 100% of the maximum motor power, and can be manually adjusted using the right-hand stalk.