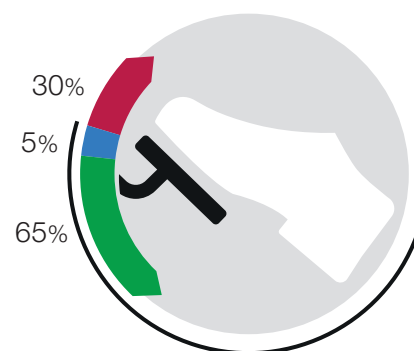


**DAF ELECTRIC**

# e-Drive Control

e-Drive Control is DAF's system to activate a one pedal drive functionality for DAF Electric vehicles. DAF's e-Drive Control offers the optimal way to use regenerative braking to your advantage and can save **10-30% of battery energy**.



## What is e-Drive Control?

When e-Drive Control is active, the accelerator pedal of the vehicle is transformed into a control mechanism for both driving and braking. The bottom 65 per cent of the pedal stroke is used for acceleration. The top 30 per cent is available for (regenerative) braking. The 5 per cent in between is used to 'freewheel': no power is applied here. If used correctly, through correct activation and anticipation, you will notice you will hardly need the brake pedal anymore in a DAF Electric truck.

### ABOUT REGENERATIVE BRAKING

One of the unique features of electric vehicles is the recuperation of energy while braking. When activated, the electric motor operates as a generator to convert the kinetic energy (the energy of movement) of the vehicle into electric energy, which recharges the battery. Especially in urban environments (many start/stops) or when driving downhill, using regenerative braking as an endurance brake, DAF's e-Drive Control system can recuperate a large amount of energy that otherwise would be lost. Additionally, the wear on service brakes is reduced massively! Regenerative braking for DAF Electric vehicles is available through e-Drive Control, and by applying the braking pedal. Regenerative braking is only activated by the brake pedal when requesting heavy braking force.

# The power of e-Drive Control

The amount of brake power available to e-Drive Control depends on various variables. The maximum power is determined by the motor power and battery capacity. Below you can find a table of the various motors and their respective maximum regenerative brake power.

Motor	Maximum power e-Drive Control	1 Setting
PACCAR EX-M1	120 kW	100%
120 kW		
PACCAR EX-M2	190 kW	100%
190 kW		



The available power can be limited by certain conditions. Battery State of Charge, temperature, and the motor temperature may trigger the limitation, at which point yellow blocks will be visible in the Digital Instrument Panel. This yellow visual overlay (3) represents the amount of power not available. The green bar (1) shows the amount of energy that is currently being recuperated (braking power). The green telltale (2) shows the activation and, if applicable, level of e-Drive Control.

## How to use e-Drive Control

To activate e-Drive Control, you can press the motor brake button on the left control panel on the steering wheel.

### FEATURES

- One pedal drive system for DAF Electric
- 120, 190 brake power
- Maximum energy recuperation
- Optimal endurance brake
- Perfect solution for start/stop traffic
- Smooth driving controls

### BENEFITS

- Increased efficiency
- Increased range
- Improved driveability
- Less service brake wear

