THE NEW eACTROS.

Charged & Ready. Sustainable, future-oriented, driven by innovation, and quiet: that's the new eActros – the first all-electric truck from Mercedes-Benz Trucks.

Mercedes-Benz
Trucks you can trust

The eActros.

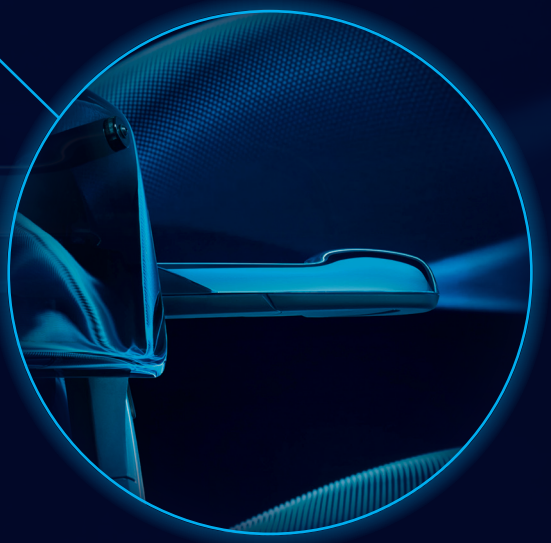
With a range of up to 400 km[1] and short charging times, it is made for heavy-duty distribution haulage in urban areas. But the eActros is more than just a truck. It is part of the integrated eActros solution which, in addition to the truck and its conventional services, new eConsulting, innovative digital and financing solutions, all of which bring us a little closer to the target of zero local emissions.

The charging process.

Filling stations are replaced by charging stations. The standardised charging system makes charging the new eActros as intuitive as possible: apply the parking brake, connect the plug to the vehicle's charge socket (it locks automatically) and the charging process can start. With an output of up to 160 kW, three batteries charge from 20 to 80%[2] in just over an hour. To end the current-controlled charging process, the stop button next to the charging socket must be pressed and the vehicle unlocked.

Assistance systems to improve safety.

You can rely on proven safety and assistance systems that aid the driver, especially in urban traffic within the system boundaries: Stability Control Assist, Lane Keeping Assist, Attention Assist, Sideguard Assist, Active Brake Assist, Tyre Pressure Monitoring and Roll Control Assist. Everything to make heavy-duty, short-radius distribution safer and more efficient in urban areas.



The Multimedia Cockpit.

Fully linked and intuitive. Thanks to the updated Multimedia Cockpit of the new eActros, you can benefit from modern functions. Specially adapted to e-relevant topics, the new command centre not only boasts a new design, but it also offers e-specific functions. For example, the range is displayed in terms of both distance and time, and the current and average energy consumption as kWh/100 km.

eConsulting.

The newly developed, three-step eConsulting will accompany you step by step on your way to eMobility. First, a detailed plan to electrify your depot is compiled. To do this, we begin with a route analysis of your fleet, and on the basis of that we can decide together with you which charging infrastructure is suitable or which software and hardware solutions are required. Using the identified measures, all the related costs and possible subsidies are broken down for transparency, analysed and optimised. And now on to the implementation phase: all the necessary processes are then integrated into business operations. From intelligent charging systems to support with coaching your drivers, Mercedes-Benz Trucks is there to help you.

Digital solutions.

eMobility presents us with new challenges. That is why in the new eActros you can rely not only on maximum support from the established Fleetboard services from Mercedes-Benz Trucks, but also on new, e-specific services. Our tried-and-tested intelligent Mercedes-Benz Uptime system has been extended by e-specific components to ensure the highest possible vehicle availability of the new eActros. And in other ways too, we make sure that you fulfil the requirements of eMobility: from real-time monitoring of all vehicle activities and data (mapping*) to the digital log book (logging) to planning charging sessions by means of Fleetboard Charge Management.

eTruck Financing.

Our dedicated financial services provider, Daimler Truck Financial Services, offers holistic funding solutions to support your transition to eMobility, inclusive of vehicle, repair & maintenance and charging infrastructure.

Looking after your truck.

Your truck drives your success – if it's moving, so is your business. The eActros comes with a three year/60,000 km pa Integrated Service Package and three year bumper to bumper warranty as standard. Ts & Cs apply.

*All data is being processed based on the general data protection regulations.

The technical details.

From the range to the charging time: the new eActros is a truck like no other.
Experience the new fully electric truck from Mercedes-Benz Trucks in its two different versions.

Type	**Rigid**								**Tractor**
Layout	4x2		6x2		4x2 with trailer		6x2 with trailer		4x2
Model	**300**	**400**	**300**	**400**	**300**	**400**	**300**	**400**	**300**
Gross vehicle weight	19t		27t		19t (40t)		27t (40t)		19t (40t)
Axle load (air suspension)	8.0/11.5		8.0/11.5/7.5 (8.0)		8.0/11.5		8.0/11.5/7.5 (8.0)		8.0/11.5
Wheelbase	4.0m	5.2m	4.0m	4.9m	5.2m	5.5m	4.6m	4.9m (HPR Behind Cab)	4.0m
	5.2m	5.5m	4.6m	5.2m	5.5m		4.9m	5.5m	
	5.5m	6.1m	4.9m	5.5m			5.2m		
	6.1m		5.2m						
			5.5m						
Cab/Cab Tunnel	2.3m M ClassicSpace/cab tunnel 170 mm								
Width	2,500 mm/aluminium rims 2,550 mm								
Motor performance (max./cont.)	400/330 kW								
Max. Speed	89 km/h								
Transmission	2 speed (+2 reverse)								
Batteries	Lithium-ion Batteries								
ePTO Low Power (at 50 % State of Charge)	Peak: 32 kW Cont: 20 kW								currently in development
ePTO High Power (at 50 % State of Charge)	Peak: 52 kW Cont: 30 kW								
Charging power	Max. 160 kW								
Number of battery packs	3	4	3	4	3	4	3	4	3
Range	Up to 330 km[2]	Up to 400 km[3]	Up to 330 km[2]	Up to 400 km[3]	Up to 300 km[2]	Up to 400 km[3]	Up to 300 km[2]	Up to 400 km[3]	Up to 220 km[1]
Installed battery capacity (112 kWh each)	336 kWh with 3 packs[4]	448 kWh with 4 packs[4]	336 kWh with 3 packs[4]	448 kWh with 4 packs[4]	336 kWh with 3 packs[4]	448 kWh with 4 packs[4]	336 kWh with 3 packs[4]	448 kWh with 4 packs[4]	336 kWh with 3 packs[4]
Charging time (20–80%:)	~ 75 minutes[5]	~ 100 minutes[5]	~ 75 minutes[5]	~ 100 minutes[5]	~ 75 minutes[5]	~ 100 minutes[5]	~ 75 minutes[5]	~ 100 minutes[5]	~ 75 minutes[5]

These figures are stated in relation to EU-Regulation 96/53/EC. This may be subject to change in the UK upon any subsequent legislative updates.

[1] The range was determined internally under optimal conditions, including three battery packs after preconditioning in partially loaded distribution traffic with a trailer at 20 °C outside temperature.

[2] The range was determined internally under optimal conditions, including three battery packs after preconditioning in partially loaded distribution traffic without a trailer at 20 °C outside temperature.

[3] The range was determined internally under optimum conditions, including 4 battery packs after preconditioning in partially loaded distribution traffic without a trailer at 20 °C outside temperature.

[4] Nominal capacity of new battery, based on internally defined boundary conditions, may vary depending on use case and ambient conditions.

[5] The eActros can be charged with up to 160 kW: Based on internally determined empirical values under optimal conditions, including at an ambient temperature of 20 °C at a standard DC fast charging station with 400 A charging current, the three battery packs need a little more than an hour to be charged from 20 to 80%.

Find out now how ready you are for the electrification of your fleet!
With eTruck Ready.

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