

# THE eECONIC.



The new all-electric commercial vehicle: powerful and quiet, efficient and locally emission-free. In charge for a new era.

Mercedes-Benz  
Trucks you can trust





# DIFFERENT DRIVE, SAME CONCEPT.

The new all-electric eEconic.

Towns are growing; and so too are the demands placed on mobility, logistics, the environment and quality of life. Our answer to this is a commercial vehicle which is up to the challenge, powerful and efficient and offers high safety for all road users. One which provides sustainable solutions to the increasing environmental pollution in urban areas, thanks to its locally emission-free, quiet drive. With our integrated solution, we will assist you throughout your purchase of your battery-powered truck: from the calculation of the overall running costs, applying for subsidies, to setting up the best possible charging infrastructure.

### Electrifying drive technology.

With ePowertrain, the eEconic has higher motor efficiency with energy recuperation when braking compared with a conventional diesel drive: perfect for stop-and-go municipal use. The locally emission-free drive enables easy access to all green zones and it is so quiet that the eEconic is often permitted to operate at night. The short charging times can be ideally planned for stops at the depot. Capable of continuous charging at 160 kW, the eEconic batteries can be rapidly charged from 20–80 % in just over one hour.

### Comfortable working conditions.

Relief for the crew and a high level of safety for all road users: the eEconic continues the successful concept of the Econic with the DirectVision cab. The low entry and exit with just two steps saves energy in daily work, and now the flat floor ensures convenient, safe through-access for exiting away from traffic. The coated and heated Thermocontrol windscreen prevents the panoramic glazing from misting up, for a clearer view of the traffic.

### Intuitive multimedia cockpit.

The newly designed cockpit is even simpler to use with a clearly structured command centre. The driver is constantly supplied with e-relevant information, for example the charge status of the batteries, the remaining range and the current and average energy consumption.

### Outstanding safety concept.

The proven safety and assistance systems of the eEconic support the driver in tricky urban traffic and help to protect more vulnerable road users. The well thought-out safety system also protects the high-voltage components in the event of an accident.

### Integrated solution.

Mercedes-Benz Trucks will accompany you step-by-step on your way to eMobility: even before you purchase your battery-powered truck, we will support you with a transparent assessment of whether your depots and routes are suitable for electrification. Which is the suitable charging infrastructure, what costs are linked to it, and what subsidies are possible? Our dedicated financial services provider, Daimler Truck Financial Services, offer holistic funding solutions to support your transition to eMobility, inclusive of vehicle, repair and maintenance and charging infrastructure. If desired, we can assist you with special eTraining for fleet managers, drivers and workshop staff – so that your switch to future-oriented technology goes smoothly.

### Servicing and Warranty.

As standard, the eEconic is supplied with a 3-year/40,000 kmpa Integrated Service Package. For added assurance, the eEconic includes as standard a 36 months or 160,000 km<sup>1</sup> bumper to bumper warranty, a 36 months or 250,000 km, 1,200 charging cycles from delivery<sup>12</sup> ePowertrain warranty and a 72 months, 360,000 km, 1,800 charging cycles from delivery<sup>123</sup> HV battery warranty.



Are you ready for the future?  
Find out more about the  
eEconic at [e-econic.co.uk](https://e-econic.co.uk)

<sup>1</sup>Whichever occurs first

<sup>2</sup>Number of charging cycles: For the calculation of equivalent full cycles, the energy flow of charging and discharging processes is added together. An equivalent full cycle corresponds to twice the nominal energy of a high-voltage battery.

<sup>3</sup>Warranty is applied for the high-voltage battery if the state of health (SoH) falls below 80%. The state of health (SoH) percentage is the ratio between the current capacity of a battery and the capacity of a new battery. The information is usually given in percent. The customer can read out the value in the Mercedes-Benz Uptime Portal. The data can also be accessed via Xentry diagnosis. Important note: Delivery is understood here to refer to the date of delivery to the customer (usually the date of initial vehicle registration or the in-service date). The warranty period starts on the registration or in-service date, but no later than 18 months after dispatch of the delivery object from the manufacturer plant. For commercial customers, product liability claims are restricted after the first year to rectification work; more extensive claims (e.g. withdrawal from or cancellation of purchase contract) are excluded.



## THE TECHNICAL DETAILS.

Taking responsibility and thinking ahead: from the motor output to the charging time.

Vehicle model: 300	
Maximum vehicle length	8,527 mm
Vehicle width	2,490 mm
Vehicle height	2,850 mm
Model variant	956.533
Wheel configuration	6x2/4 ENA
Wheelbase	4,000 mm
Kerb weight	9.2 t
Perm. gross vehicle weight	27 t
Payload without body	approx. 17.6 t
Cab	Low-entry cab with flat cab floor
Axle load (air suspension)	8.0 t / 11.5 t / 8.0 t
Motor output (max. / cont.)	400 / 330 kW
ePTO High Power(max. / cont.)	~52 kW / ~30 kW at 50 % SOC
Max. speed	89 km / h
Transmission	2 gears (+ 2 reverse gears)
Batteries	Lithium-ion batteries
Number of battery packs	3
Range	up to 100 / 150 km*
Installed battery capacity	336 kWh** with three battery packs
Charging capacity	max. 160 kW
Charging time	from 20 to 80 %: approx. 1 h 15 min***

\*The stated range is a preliminary value and was determined on the basis of company-internal simulation tools. As part of this process, optimum conditions were assumed with: 3 new battery packs, following pre-conditioning in partially laden state, in inner-city refuse collection operations (VECTO Municipal Cycle up to 100 km) or in mixed refuse collection operations (combined from VECTO Municipal Cycle, VECTO Regional Delivery and VECTO Urban Delivery Cycle up to 150 km) at 20 °C outside temperature. Among other things, the range is heavily dependent on driving behaviour, the operating profile and type of body.

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

\*\*\*The eEconic can be charged with up to 160 kW: based on figures determined in accordance with company- internal experience, under optimum conditions – including when connected to a regular 400A DC charging station at an ambient temperature of 20 °C – the three battery packs need a little longer than one hour to charge from 20 to 80 %.



Find out more about the eEconic at: [e-econic.co.uk](https://e-econic.co.uk)

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