

# 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 all-electric eEonic.

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, one which is powerful and efficient, offering high safety for all road users. And 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 when you purchase your battery-driven truck: from the calculation of the overall running costs to applying for subsidies, and to setting up the best possible charging infrastructure.

## **Electrifying drive technology.**

With ePowertrain, the eEonic has higher motor efficiency with energy recuperation when braking compared with a conventional diesel drive: perfect for stop-and-go for municipal use. The locally emission-free drive enables easy access to all green zones – and it is so quiet that the eEonic 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 eEonic 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 eEonic continues the successful concept of the Eonic 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, heated Thermocontrol windscreen of the panoramic glazing prevents the windows from misting up – for a more clear view of the traffic.

## **Intuitive multimedia cockpit.**

With the newly designed cockpit, the clearly structured command centre in the cab was developed further, and linked in, and it is now even simpler to use. 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 eEonic support the driver in tricky urban traffic and help to protect more vulnerable road users. A well-thought-out safety system also protects the high-voltage components in the event of an accident.

## **Integrated solution.**

Mercedes-Benz will accompany you step by step on your way to eMobility: even before you purchase your battery-driven truck, we will support you with 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? And in order for your green fleet to be cost-effective, we also offer you a suitable financing scheme and a warranty package to go with it. If desired, we can assist you with special eTrainings for fleet managers, drivers and workshop staff – so that your switch to future-oriented technology goes easily and smoothly.



Are you ready for the future?  
Even more info on the eEonic is  
available at [e-eonic.com](http://e-eonic.com)



## 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. 17.7 t
Cab	Low-entry cab with flat cab floor
Axle load (air suspension)	8.0 t / 11.5 t / 7.5 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.com](http://e-econic.com)**

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**[www.mercedes-benz-trucks.com/e-econic](http://www.mercedes-benz-trucks.com/e-econic)**

**Daimler Truck AG, Mercedes-Benz Special Trucks, Daimlerstraße 1, 76742 Wörth, Germany 6913T033202-01/0223 Printed in Germany/Imprimé en Allemagne**

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