



THE eINTOURO.

Technical data and equipment at
a glance.

Mercedes-Benz

The standard for buses.



OVERVIEW OF THE eINTOURO.

eIntouro



Length [mm]: 12.180
Turning circle min. [mm]: 21.458

Height [mm]: 3.465
Width [mm]: 2.534

eIntouro M



Length [mm]: 13.090
Turning circle min. [mm]: 23.834

Height [mm]: 3.465
Width [mm]: 2.534

TECHNICAL DATA AND EQUIPMENT AT A GLANCE.

	eIntouro	eIntouro M
Dimensions		
Length [mm]	12.180	13.090
Length incl. mirrors [mm]	12.510	13.420
Width [mm]	2.534	2.534
Height [mm]	3.465	3.465
Inner stand height central aisle [mm]	2.180	2.180
Parapet height (above ground) [mm]	750	750
Wheelbase front axle-drive axle [mm]	6.080	6.990
Wheelbase drive axle - trailing axle [mm]	-	-
Tyre size	295/80 R 22,5	295/80 R 22,5
Overhang at front [mm]	2.800	2.800
Overhang at rear [mm]	3.300	3.300
Turning circle min. [mm]	21.458	23.834
Turning circle BOKraft [mm]	25.000	25.000
Ring width turning circles min. [mm]	6.857	7.277
Ring width BOKraft [mm]	5.945	6.917
Ring width max. permissible according to BOKraft [mm]	7.200	7,2
Track circle minimal [mm]	17.424	19.797
Wheel impact front axle max. [°]	54 / 46	54 / 46
Cockpit height [mm]	891	891
Usable volume / capacity AdBlue [l]	53	53

	eIntouro	eIntouro M
Capacity fuel tank left / right [l]	185	185
Luggage compartment volume [m³]	4,5	6
Floor height over roadway [mm]	891	891
Pedestal height [mm]	210	210
Entry height door 1 [mm]	361	359
Entry height door 2 [mm]	378	370
Slope angle in front [°]	7,1	7,1
Slope angle rear [°]	7,7	7,7

	eIntouro	eIntouro M
Transmission		
Electric drive	ZF CeTrax 2 dual	ZF CeTrax 2 dual
Power (peak/ duration) [kW]	400/320	400/320
Max. Torque [Nm]	2.470	2.470
Nominal voltage [V]	800	800

	eIntouro	eIntouro M
Chassis		
Steering	power steering	power steering
Front axle, type	ZF RL 82 EC	ZF RL 82 EC
Driven axle, type	Mercedes-Benz RO 440	Mercedes-Benz RO 440
Trailing axle, type	-	-
Front axle: independent suspension, anti-roll bar	●	●
Drive axle: with anti-roll bar	○	○
Trailing axle: active steering, independent suspension	-	-
Raising/Lowering system	○	○
Kneeling	○	○
Air suspension via electronic level control system (ENR)	●	●

	eIntouro	eIntouro M
Brakes		
Pneumatic disc brakes on all axles	●	●
Electronic Stability Programme (ESP®)	●	●
Electronically controlled braking system (EBS)	○	○
Anti-locking system (ABS)	●	●
Brake Assist (BAS)	○	○
Acceleration Slip Regulation (ASR)	●	●
Retarder limiter (RL)	○	○
Automatic bus stop brake with pull-away lock	○	○
Parking brake	●	●
HOLD function	○	○
Hill-start assist	○	○

	eIntouro	eIntouro M
Safety and driver assistance systems		
Rollover strength compliant with in ECE R29.03	●	●
Lane Assist (SPA)	○	○
Tyre Pressure Monitoring (TPM)	●	●
Front Collision Guard (FCG)	●	●
Sideguard Assist 2	●	●
Electronic Stability Program (ESP®)	●	●
Reversing camera	●	●
Reversing buzzer	○	○
Extinguishing system	●	●
Rain-light sensor	●	●
Flat wiper blades with water fed through wiper blade	●	●
Body strength in accordance with ECE-R 66.02	●	●
360° Camera	○	○
Active Brake Assist 6 Plus (ABA 6 Plus)	○	○
Frontguard Assist	●	●
Traffic Sign Assist	●	●
Attention Assist 2 (AtAs)	●	●

	eIntouro	eIntouro M
Profitability		
Driver Score	○	○
Tyre Pressure Monitoring (TPM)	○	○
Ranges	*up to 500 km	*up to 500 km

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Transport capacity		
Number of seats – standard seating	51	59
Passenger capacity max.	55	63
Seating type Inter Star Eco (ISE)	●	●
Seating type Travel Star Eco (TSE) Softline	○	○
Driver's seat GRAMMER Linea MSG 90.6 P, air-sprung	●	●
Driver's seat ISRI 6860, integrated pneumatic system, 3-point seat belt	○	○
Wheelchair space	○	○

	eIntouro	eIntouro M
Weight and fuel tanks		
Gross vehicle weight [kg]	19.500	19.500
Axle loads, max. permissible front axle [kg]	7.500	7.500
Axle loads, max. permissible drive axle [kg]	12.600	12.600
Permissible weight trailing axle [kg]	-	-

	eIntouro	eIntouro M
Heating, air conditioning and ventilation		
Driver's area air conditioning	○	○
Cooling capacity passenger compartment [hp/kW]	29	29
Heating power passenger compartment [hp/kW]	52	52
Roof-mounted air-conditioning system with heat pump	○	○
Electric roof air conditioning (modular system)	●	●
Refrigerant	R513A	R513A

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Doors and glazing		
Number of doors	2	2
Outward swiveling door	●	●
Lift	○	○
Single glazed	●	●
Double glazed	○	○
Windscreen heatable	○	○

	eIntouro	eIntouro M
Lighting		
Low beam	●	●
High beam	●	●
Daytime driving lights with LED technology	●	●
Front fog lamp	●	●
Cornering light	●	●
Ambient lighting for reverse driving	○	○

	eIntouro	eIntouro M
Battery technology		
Stowage space/rear	1 / 1	1 / 1
Number of battery packs	1 - 2	1 - 2
Capacity [kWh]	207	207
Capacity [kWh] battery pack 1/2	207/414	207/414
Charging technology	CCS-Typ-2-Stecker	CCS Type 2 Connector

● Standard equipment ○ Optional equipment

* When equipped with the maximum battery capacity, with the LFP battery in its as-delivered condition, typical intercity bus operation as derived from the CO2 VECTO interurban cycle at moderate temperatures between 5°C and 28°C allows realistic ranges of up to 500 km. The actual range depends on individual vehicle use, vehicle configuration, and other external factors, and may be lower or higher than this value.

SAFETY.

Sideguard Assist 2.

Sideguard Assist 2 is a safety assistance system that supports the driver in critical situations when turning right or turning left when visibility is possibly restricted. The system is designed to help detect moving obstacles within the system limits, and warns the driver so as to avoid critical situations or reduce the consequences of accidents when turning off or changing lanes.

Electronic Stability Program (ESP®)

The Electronic Stability Program significantly reduces the risk of skidding by selectively braking individual wheels, thus preventing loss of control of the vehicle in curves and emergency steering manoeuvres.

Lane Assistant (SPA).

Lane Assist (SPA) detects when the vehicle unintentionally leaves a marked lane. If it crosses the markings, the driver is warned by a clear vibration through the driver's seat.

Rain-light sensor

The rain sensor and automatic driving light are assist systems that activate automated functions by means of a sensor system and relieve the driver of routine tasks.

Active Brake Assist 6 Plus.

Emergency Brake Assist ABA 6 Plus assists the driver by automatically initiating emergency braking if there is a risk of a rear-end collision with vehicles in front or stationary obstacles. It can also detect moving or stationary pedestrians and cyclists in front of the vehicle. The system can respond with an audible and visual warning as well as automatic partial or maximum full-stop braking.

Electronic Braking Assist (BAS)

By constantly comparing the data, the electronic braking assist system immediately detects if the speed at which the brake pedal is pressed suddenly exceeds the usual level, and in such situations automatically boosts the maximum braking power to within fractions of a second. This significantly shortens the stopping distance of the vehicle.

AquaBlade® windscreen wipers

The AquaBlade® windscreen wipers ensure optimum visibility at all times and, thanks to an ergonomic design, minimise both driving noise and fuel consumption.

MirrorCam.

The modern MirrorCam system enables a clear and comprehensive view of the road traffic. Equipped with high-resolution cameras, driving safety and the risk of accidents are minimised. The extended field of vision enables the driver to detect pedestrians, cyclists and other road users in the vicinity. This eliminates the blind spot when turning right.

Traffic Sign Assist.

The innovative Traffic Sign Assist offers maximum safety and comfort on the road. Thanks to GPS and camera support, the vehicle speed is continuously compared with the valid traffic rules.

Frontguard Assist

Frontguard Assist is an advanced system that was specially developed to warn drivers of pedestrians located immediately in front of the vehicle and also to warn them of an impending accident. Whether you are pulling away or driving slowly (up to 9.3 mph), the intelligent assistance system can detect potential collisions with unprotected road users.

Attention Assist (AtAs) 2.

Attention Assist (AtAs) 2 is a safety assistance system that can help prevent microsleep. It thus contributes to improved driving safety, particularly on long journeys and when driving at night. The system warns the driver visually and acoustically if it detects typical signs of drowsiness or inattentiveness and prompts the driver to take a break. The warning is issued independently of the legally prescribed driving and rest periods or the functions of the digital tachograph.

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