

Specifications.

The new BMW 3 Series Sedan.

330e.



BMW 330e Sedan		
Body		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4709 / 1827 / 1444
Wheelbase	mm	2851
Track, front/rear	mm	1573 / 1569
Ground clearance	mm	150
Turning circle	m	11.4
Fuel tank capacity	approx. l	40
Engine oil ¹⁾	l	5.25
Weight, unladen, to DIN/EU	kg	1740 / 1815
Max load to DIN	kg	525
Max permissible weight	kg	2265
Max axle load, front/rear	kg	1035 / 1305
Max trailer load, braked (12%/unbraked)	kg	750 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	375
Air resistance	C _d x A	0.25 x 2.22
Drive System		
Drive concept		Full-hybrid drive, drive torque (from engine or electric motor or both) sent to the rear wheels
Max system output	kW/hp	185 / 252 (215 / 292 with XtraBoost)
Max system torque	Nm	420
System power-to-weight ratio (DIN)	kg/kW	8.1
Petrol Engine		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. RON 91
Max output	kW/hp	135 / 184
at	rpm	5000 – 6500
Max torque	Nm	300
at	rpm	1350 – 4000
Output per litre	kW/l	67.6
Electric Motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery
Max output	kW/hp	83 / 113
at	rpm	3170
Max torque	Nm	265
at	rpm	0 – 3170
Recuperation output	kW	20
High-voltage Battery		
Storage technology/installation		Lithium-ion / underneath rear seats
Voltage	V	354
Energy capacity (gross)	kWh	12.0
Charging time for 80% charge		2.4 h at 3.7 kW (16 A / 230 V)

BMW 330e Sedan			
Driving Dynamics and Safety			
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing	
Suspension, rear		Five-link axle in lightweight aluminium-steel construction	
Brakes, front		Vented disc brakes, with single-piston floating callipers	
Brakes, rear		Vented disc brakes, with single-piston floating callipers	
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front, crash-active front head restraints, crash sensors, tyre pressure indicator	
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering	
Steering ratio, overall		:1	14.1
Tyres, front/rear		225/50 R17 98Y XL	
Rims, front/rear		7.5J x 17 light-alloy	
Transmission			
Type of transmission		Eight-speed Steptronic transmission	
Gear ratios		I	:1 4.714
		II	:1 3.143
		III	:1 2.106
		IV	:1 1.667
		V	:1 1.285
		VI	:1 1.000
		VII	:1 0.839
		VIII	:1 0.667
		R	:1 3.317
Final drive		:1	3.231
Performance			
Acceleration 0–100 km/h		s	5.9
Top speed		km/h	230
Top speed (electric)		km/h	140
Range (electric)		km	59 – 66
BMW EfficientDynamics			
BMW EfficientDynamics standard features		BMW eDrive technology, Electric Power Steering, hybrid-specific Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, electric a/c compressor, differential with optimised warm-up behaviour, tyres with reduced rolling resistance	
Fuel Consumption ECE			
Fuel consumption combined		l/100 km	1.9 – 1.6
CO ₂ emissions from fuel		g/km	43 – 37
Electric power consumption combined		kWh/100 km	15.4 – 14.8
Emission rating		Euro 6d-TEMP	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Oil change

The fuel consumption, CO₂ emissions, electric power consumption and operating range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.