

Specifications. The BMW 3 Sedan. 330e.



BMW 330e Sedan		
Body		
No of doors/seats		4/5
Length/width/height (unladen)	mm	4633/1811/1429
Wheelbase	mm	2810
Track, front/rear	mm	1543/1583
Ground clearance	mm	140
Turning circle	m	11,3
Fuel Tank capacity	app ltr	41
Engine oil ¹⁾	ltr	5,25
Weight, unladen, to DINEU	kg	1660/1735
Max load to DIN	kg	535
Max permissible weight	kg	2195
Max axle load, front/rear	kg	1000/1260
Max trailer load (12%), braked/unbraked	kg	--/--
Max roofload/max towbar downl	kg	75/--
Luggage comp capacity	ltr	370
Air resistance	Cd x A	0,27 x 2,20
Drive System		
Drive concept		Full hybrid drive, permanent excited synchronous machine
System output	kW/hp	185/252
Combustion Engine		
Config/No of cyls/valves		In-line/4/4
Engine technology		BMW TwinPower Turbo technology; TwinScroll turbocharger, High Precision Direct Petrol Injection, fully variable valve control VALVETRONIC, variable camshaft control Double-VANOS
Capacity, effective	cc	1998
Stroke/bore	mm	94,6/82,0
Compression ratio	:1	11,0
Fuel		min. ROZ 91
Max output	kW/hp	135/184
at	rpm	5000-6500
Max torque	Nm/lb-ft	290/214
at	rpm	1350-4250
Electric Motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated in 8-speed Steptronic, generator function for energy recuperation for the high-voltage battery
Max output ³⁾	kW/hp	65/88
at	rpm	2500
Rated output	kW/hp	45/61
at	rpm	5000
Max torque	Nm	250
at	rpm	0-2500
High-voltage Battery		
Storage technology/installation		Lithium-ion/underfloor, under boot floor
Voltage	V	293
Capacity (gross/net)	kWh	7,6/5,7
Charging time for 80% charge		1,6 h at 3,7 kW (16 A/230 V)

BMW 330e Sedan

Driving Dynamics and Safety

Suspension, front	Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, transverse force compensation, anti-dive	
Suspension, rear	Five-link axle in lightweight construction	
Brakes, front	Single-piston floating-calliper disc brakes / vented	
Brakes, rear	Single-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, tyre defect indicator	
Steering	Electric Power Steering (EPS); Servotronic optional: Variable Sport Steering	
Steering transmission, overall	:1	15,0
Tyres, front/rear	205/60 R16 92W	
Rims, front/rear	7,0J x 16 Light Alloy	

Transmission

Type of transmission	8-speed Steptronic	
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	2,929

Performance

Power-to-weight ratio	kg/kW	9,0
Acceleration 0–100 km/h	sec	6,1
Top speed	km/h	225
Top speed electric	km/h	120
EU cycle electric range	km	37-40

BMW EfficientDynamics

BMW EfficientDynamics standard features	BMW eDrive technology, Brake Energy Regeneration with recuperation display, electromechanical power steering, hybrid-specific Automatic Start/Stop function, ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, map-regulated oil pump, electric air compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance
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Fuel Consumption ECE²⁾

Cycle Standard Wheels:		
Combined	ltr/100 km	2,1–1,9
CO ₂ emissions from fuel	g/km	49-44
Power consumption combined	kWh/ 100 km	11,9–11,0
Emission rating	EU6	

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

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

³⁾ According to ECE R-85