

Specifications.

The new BMW 5 Series Touring.

530e.



BMW 530e Touring		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	143
Turning circle	m	12.0
Tank capacity	approx. ltr	46
Engine oil ²⁾	ltr	5.25
Weight, unladen, to DIN/EU	kg	1900 / 1975
Max. load to DIN	kg	650
Max. permissible weight	kg	2550
Max. axle load, front/rear	kg	1090 / 1540
Max. trailer load, braked (12%/unbraked)	kg	1700 / 750
Max. roof load/towbar download	kg	100 / 90
Luggage comp. capacity	ltr	430 – 1560
Air resistance	C _d x A	0.29 x 2.35
Drive system		
Drive concept		Full-hybrid drive, drive torque from combustion engine or electric motor or both transmitted to the rear wheels
System output	kW/hp	215 / 292
System torque	Nm	420
System power-to-weight ratio (DIN)	kg/kW	8.8
Combustion Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm ³	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	135 / 184
at	rpm	5000 – 6500
Torque	Nm	300
at	rpm	1350 – 4000
Output per litre	kWh/l	67.6
Electric motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated in 8-speed Steptronic transmission, generator function for energy recuperation for the high-voltage battery
Max output	kW/hp	80 / 109
at	rpm	3140
Torque	Nm	265
at	rpm	100 – 2500
High-voltage battery		
Storage technology / installation		lithium-ion / underneath rear seat
Voltage	V	354
Capacity (gross)	kWh	12.0
Charging time for 100 % charge		3.6 h at 3.7 kW (16 A / 230 V)

BMW 530e Touring

Driving Dynamics and Safety

Suspension, front	Double-wishbone axle in aluminium construction with separate lower track arm, small steering roll radius, transverse force compensation, anti-dive	
Suspension, rear	Five-link axle in aluminium lightweight construction, dual elastic bearing, air suspension with automatic self-levelling	
Brakes, front	Four-piston fixed-calliper disc brakes / vented	
Brakes, rear	Single-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspension	
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 stopper, belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator	
Steering	Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering	
Steering ratio, overall	:1	17.0
Tyres, front/rear	245/45 R18 100Y XL	
Rims, front/rear	8J x 18 light-alloy	

Transmission

Type of gearbox	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	3.231

Performance

Acceleration	0–100 km/h	s	6.1
Top speed		km/h	225
Top speed electric		km/h	140
Electric range (WLTP)		km	52 – 57

BMW EfficientDynamics

BMW EfficientDynamics standard features	BMW eDrive technology, Electric Power Steering, hybrid-specific Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with coasting function, 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
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Fuel consumption EU cycle

Combined	ltr/100 km	2.0 – 1.8
CO ₂ emissions from fuel	g/km	46 – 42
Power consumption comb.	kWh/100 km	16.1 – 15.4
Emission rating		Euro 6d

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

- ¹⁾ Height including roof aerial
²⁾ Oil change volume

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between 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 to the values stated here.

The new BMW 5 Series Touring. 530e xDrive.

BMW 530e xDrive Touring		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	143
Turning circle	m	12.0
Tank capacity	approx. ltr	46
Engine oil ²⁾	ltr	5.25
Weight, unladen, to DIN/EU	kg	1960 / 2035
Max. load to DIN	kg	650
Max. permissible weight	kg	2610
Max. axle load, front/rear	kg	1140 / 1550
Max. trailer load, braked (12%/unbraked)	kg	2000 / 750
Max. roof load/towbar download	kg	100 / 90
Luggage comp. capacity	ltr	430 – 1560
Air resistance	C _d x A	0.29 x 2.35
Drive system		
Drive concept		Full-hybrid drive, drive torque from combustion engine or electric motor or both transmitted to all four wheels via BMW xDrive
System output	kW/hp	215 / 292
System torque	Nm	420
System power-to-weight ratio (DIN)	kg/kW	9.1
Combustion Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm ³	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
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BMW 530e xDrive Touring

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Suspension, rear	Five-link axle in aluminium lightweight construction, dual elastic bearing, air suspension with automatic self-levelling	
Brakes, front	Four-piston fixed-calliper disc brakes / vented	
Brakes, rear	Single-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; optional: Adaptive suspension	
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 stopper, belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator	
Steering	Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering	
Steering ratio, overall	:1	16.5
Tyres, front/rear	245/45 R18 100Y XL	
Rims, front/rear	8J x 18 light-alloy	

Transmission

Type of gearbox	8-speed Steptronic	
Gear ratios	I	:1 4.714
	II	:1 3.143
	III	:1 2.106
	IV	:1 1.667
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Final drive	:1	3.231

Performance

Acceleration	0–100 km/h	s	6.1
Top speed		km/h	225
Top speed electric		km/h	140
Electric range (WLTP)		km	48 – 53

BMW EfficientDynamics

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Fuel consumption EU cycle

Combined	ltr/100 km	2.4 – 2.2
CO ₂ emissions from fuel	g/km	54 – 50
Power consumption comb.	kWh/100 km	16.7 – 16.1
Emission rating		Euro 6d

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

- ¹⁾ Height including roof aerial
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