

Technical specifications.

BMW 2 Series Active Tourer.

225xe.



BMW 2 Series Active Tourer		
Body		
Number of doors/seats		5 / 5
Length/width/height (empty)	mm	4354 / 1800 / 1556
Wheelbase	mm	2670
Track width, front/rear	mm	1557 / 1558
Ground clearance	mm	167
Turning circle	m	11.3
Fuel tank capacity	approx. l	36
Engine oil ¹⁾	l	4.25
Unladen weight according to DIN/EU	kg	1675 / 1750
Payload according to DIN	kg	505
Permitted total weight	kg	2180
Permitted axle loads, front/rear	kg	1090 / 1160
Permitted towing capacity (12%)	kg	- / -
braked/unbraked		
Permitted roof load/ permitted download	kg	75 / -
Luggage compartment capacity	D	400 – 1350
Drag coefficient	c _x x A	0.30 x 2.40
Powertrain		
Drive concept		Full hybrid drive, electrified xDrive all-wheel drive system, combustion engine power distributed to the front wheels, electric motor power to the rear wheels
System performance	kW/hp	165 / 224
System torque	Nm	385
Petrol engine		
Type/no. of cylinders/valves		inline / 3 / 4
Engine technology		BMW TwinPower Turbo Technology: Twin-scroll turbocharger, direct fuel injection: High Precision Injection, fully variable valve control (VALVETRONIC), Double VANOS variable camshaft control
Capacity, effective	cc	1499
Stroke/bore	mm	94.6/82.0
Compression	:1	11.0
Fuel		min RON 91
Output	kW/hp	100 / 136
at engine speed	rpm	4400 – 6000
Torque	Nm	220
at engine speed	rpm	1300 – 4300
Electric motor		
Motor technology		BMW eDrive Technology: Synchronous electric motor, generator function for recuperating energy for the high-voltage storage system
Top performance	kW/hp	65 / 88
at motor speed	rpm	4000
Torque	Nm	165
at motor speed	rpm	0 – 3000
High voltage storage system		
Storage system technology / installation location		Lithium ion / underfloor, under rear seat
Voltage	V	295
Energy capacity (gross / net)	kWh	10.0 / 8.8
Charging time for 100 % charge		3.2 h at 3.7 kW (16 Ah / 230 V)

BMW 225xe Active Tourer

Driving dynamics and safety

Front wheel suspension	Single-joint sprint strut-type front axle in lightweight aluminium/steel design		
Rear wheel suspension	Central link rear axle in lightweight steel design		
Brakes, front	Single-piston, floating-caliper disc brakes		
Brakes, rear	Single-piston, floating-caliper disc brakes		
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control CBC, brake assistant DBC, brake dry function, Fading Brake Support, Hill Start Control, Performance Control		
Safety equipment	Standard: Airbags for driver and passenger, side airbags for driver and passenger, front and rear head airbag, 3-point automatic-reel belt on all seats, with seat belt tensioner and seat belt force limiter at front, crash sensors, tyre pressure display		
Steering	Electromechanical power steering (EPS), Servotronic function		
Overall steering ratio	:1	15.9	
Tyres, front/rear.	205/55 R17 95W XL		
Wheel rims, front/rear.	7.5J × 17 light alloy		

Transmission

Transmission type	6-speed Steptronic transmission		
Gear ratio	I	:1	4.459
	II	:1	2.508
	III	:1	1.556
	IV	:1	1.142
	V	:1	0.851
	VI	:1	0.672
	E	:1	3.185
Final drive ratio	:1		3.944

Driving performance figures

System weight-to-power ratio (DIN)	kg/kW	10.2	
Power output per litre petrol engine	kW/l	66.7	
Acceleration 0-100 km/h	s	6.7	
Top speed	km/h	202	
Maximum speed electric	km/h	130	
Electric range	km	55 – 57	

BMW EfficientDynamics

BMW EfficientDynamics measures as standard	BMW eDrive technology, brake energy recuperation, electromechanical power steering, hybrid specific Auto Start Stop function, ECO PRO, intelligent lightweight design, optimised aerodynamic properties, needs-based control of ancillary components, map-controlled oil pump, electric air-conditioning compressor, tyres with reduced rolling resistance		
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Fuel consumption in EU

Total	l/100 km	2.1 – 1.9	
Combined power consumption	kWh/100 km	14.2 – 13.5	
CO ₂ emissions from fuel	g/km	47 – 42	
Emission rating	Euro 6d-TEMP		

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

¹⁾ Oil change amount

Fuel consumption, CO₂ emission figures and power consumption were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. The figures are calculated using a vehicle fitted with basic equipment in Germany, the ranges stated take into account differences in selected wheel and tyre sizes as well as the optional equipment. They may change during configuration.

The figures have already been calculated based on the new WLTP test cycle and adapted to NEDC for comparison purposes. In these vehicles, different figures than those published here may apply for the assessment of taxes and other vehicle-related duties which are (also) based on CO₂ emissions.

For further details of the official fuel consumption figures and official specific CO₂ emissions of new cars, please refer to the "Manual on fuel consumption, CO₂ emissions and power consumption of new cars", available at sales outlets, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/> free of charge.