

Specifications.

BMW X1.

X1 xDrive25e.



BMW X1 xDrive25e		
Body		
No. of doors/seats		5 / 5
Length/width/height (unladen)	mm	4447 / 1821 / 1582
Wheelbase	mm	2670
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	147
Turning circle	m	11.7
Tank capacity	approx. ltr	36
Engine oil ¹⁾	ltr	4.25
Weight, unladen, to DIN/EU	kg	1745 / 1820
Max. load to DIN	kg	585
Max. permissible weight	kg	2330
Max. axle load, front/rear	kg	1110 / 1270
Max. trailer load, braked (12%)/unbraked	kg	750 / 750
Max. roof load/towbar download	kg	75 / 80
Luggage comp. capacity	ltr	450 – 1470
Air resistance	c _d x A	0.29 x 2.47
Drive system		
Drive concept		Full hybrid drive, Full hybrid drive, hybrid-specific xDrive all-wheel drive, combustion engine driving the front wheels, electric motor driving the rear wheels
System output	kW/hp	162 / 220
System torque	Nm	385
Combustion Engine		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm ³	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	92 / 125
at	rpm	5000 – 5500
Torque	Nm	220
at	rpm	1500 – 3800
Electric motor		
Motor technology		BMW eDrive technology: synchronous electric motor, generator function for energy recuperation for the high-voltage battery
Max output ²⁾	kW/hp	70 / 95
at	rpm	8200
Torque	Nm	165
at	rpm	100 – 3000
High-voltage battery		
Storage technology / installation		lithium-ion / underneath rear seat
Voltage	V	295
Capacity (gross / net)	kWh	10.0 / 8.8
Charging time for 100 % charge		3.2 h at 3.7 kW (16 A / 230 V)

BMW X1 xDrive25e

Driving Dynamics and Safety

Suspension, front	Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear	Multi-arm axle in lightweight steel construction with separate spring and damper configuration
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, ASC and DTC (Dynamic Traction Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, EDLC (Electrically Controlled Differential Lock Control), Performance Control, trailer stability control
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 Pressure Indicator
Steering	Electromechanical rack-and-pinion power steering (EPS) with Servotronic function
Steering ratio, overall	:1 15.9
Tyres, front/rear	225/55 R17 97W
Rims, front/rear	7.5J x 17 light-alloy

Transmission

Type of gearbox	6-speed Steptronic
Gear ratios	I :1 4.459
	II :1 2.508
	III :1 1.556
	IV :1 1.142
	V :1 0.851
	VI :1 0.672
	R :1 3.185
Final drive	:1 3.944

Performance

System power-to-weight ratio (DIN)	kg/kW	10.8
Output per litre (comb. engine)	kWh/l	61.4
Acceleration 0-100 km/h	s	6.9
Top speed	km/h	193
Top speed electric	km/h	135
Electric range	km	54 – 57

BMW EfficientDynamics

BMW EfficientDynamics standard features	BMW eDrive technology, Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), hybrid-specific Auto Start Stop function, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, electric a/c compressor, tyres with reduced rolling resistance
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Fuel consumption EU cycle

Combined	ltr/100 km	2,1 – 1.9
Power consumption comb.	kWh/100 km	14,3 – 13.8
CO ₂ emissions from fuel	g/km	48 – 43
Emission rating		EU6d

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

¹⁾ Oil change

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.