

Technical specifications.

BMW iX3.

iX3 50 xDrive.



BMW iX3 50 xDrive		
Vehicle Category		
Drive type / body style		Battery-electric vehicle (BEV) / Sports Activity Vehicle (SAV)
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)		mm 4782 / 1895 / 1635
Wheelbase		mm 2897
Track, front/rear		mm 1628 / 1633
Turning circle		m 12.1
Weight, unladen (DIN/EU)		kg 2285 / 2360
Max. load to DIN		kg 540
Max. permissible weight		kg 2825
Max. axle load, front/rear		kg 1305 / 1565
Max. trailer load, braked (12%)/unbraked		kg 2000 / 750
Max. roofload/towbar download		kg 75 / 80
Luggage comp. capacity		l 520 – 1750
Additional storage comp. under bonnet		l 58
Air resistance		c _x x A 0.24 x 2.62
Power Unit		
Drive concept		Electric all-wheel drive, coordinated transmission of the drive torque from two electric motors to the front and rear wheels respectively, as required
Max. system output		kW/hp 345 / 469
Max. system torque		Nm 645
System power-to-weight ratio		kg/kW 6.6
Type of transmission		Automatic transmission, single-speed with fixed ratio
Electric motors		
Motor technology		Sixth-generation BMW eDrive technology: electrically excited synchronous motor at the rear axle, asynchronous motor at the front axle, each sharing a housing with the power electronics and transmission; generator function for recuperating energy
Front Electric Motor		
Motor designation		HF1001N0
Peak output to ECE R 85		kW/hp 123 / 167
at		rpm 4607
Max. torque		Nm 255
at		rpm 0 – 4607
Gear ratio		:1 8.801
Rear Electric Motor		
Motor designation		HD1002N0
Peak output to ECE R 85		kW/hp 240 / 326
at		rpm 5000
Max. torque		Nm 435
at		rpm 0 – 5000
Gear ratio		:1 9.606
High-voltage Battery		
Storage technology		Lithium-ion
Installation		Underfloor
Voltage		V 698.9
Energy capacity, net		kWh 108.7
Charging time, 0 – 100 % charge		11h at 11 kW (16 A / 230 V, three-phase AC, wallbox)
Charging time, 0 – 100 % charge		5h 45m at 22 kW (32 A / 230 V, three-phase AC, wallbox)
Charging time, 10 – 80 % charge		21 min at 400 kW (800 V, DC, fast-charging station)
Additional range after 10 minutes of DC charging (max. charging rate) ¹⁾		km 309 – 372
Charging		
Max. charging rate AC, three-phase		kW 22.0
Max. charging rate DC		kW 400

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Bidirectional Charging		
Vehicle-to-Load, max. rate (AC)	kW	3.7
Driving Dynamics and Safety		
Suspension, front	Double-joint spring strut axle in lightweight aluminium-steel construction with torque arm and anti-roll bar. Trapezoidal shear panels forming connection between axle subframe, high-voltage battery and body	
Suspension, rear	Five-link axle in lightweight aluminium-steel construction with separately arranged springs and dampers	
Brakes, front	Vented disc brakes, with single-piston floating callipers	
Brake disc size	mm	330
Brakes, rear	Vented disc brakes, with single-piston floating callipers	
Brake disc size	mm	345
Driving stability systems	Standard: Heart of Joy integrated drivetrain and driving dynamics management, integrated braking system, DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, HDC (Hill Descent Control), trailer stability control	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, interaction airbag between driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS) with Servotronic function	
Steering wheel turns (lock to lock)	2.8	
Tyres, front/rear	255/45 R20 105W XL	
Rims, front/rear	8.5J x 20 light-alloy	
Performance		
Acceleration 0–100 km/h	s	4.9
Top speed	km/h	210 (electronically limited)
Off-road Characteristics		
Angle of approach/departure	°	18.6 / 20.2
Breakover angle	°	15.9
Ground clearance (unladen)	mm	176
Fording depth (at 5 km/h)	mm	400
Consumption / Range (WLTP combined)		
Electric power consumption as per EnVKV	kWh/100 km	17.9 – 15.1
Attainable electric power cons. in individual configuration	kWh/100 km	17.9 – 15.1
Electric power consumption motorway ²⁾	kWh/100 km	22.7 – 19.4
Range as per EnVKV	km	679 – 805
Attainable range in individual configuration	km	679 – 805
Environmental Characteristics		
Pass-by noise	dB(A)	65
Emission rating	Electric vehicle	
CO ₂ class(es) as per EnVKV	A	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany
All figures are provisional as at the start of production in November 2025.

¹⁾ The extra range added after ten minutes of high-power charging was calculated in accordance with ISO 12906 based on the WLTP cycle. Both this and charging performance are dependent on vehicle equipment, the battery's charge level and age, battery temperature, the individual driving profile, use of auxiliary consumers, the ambient temperature and the charging station's available charging power.

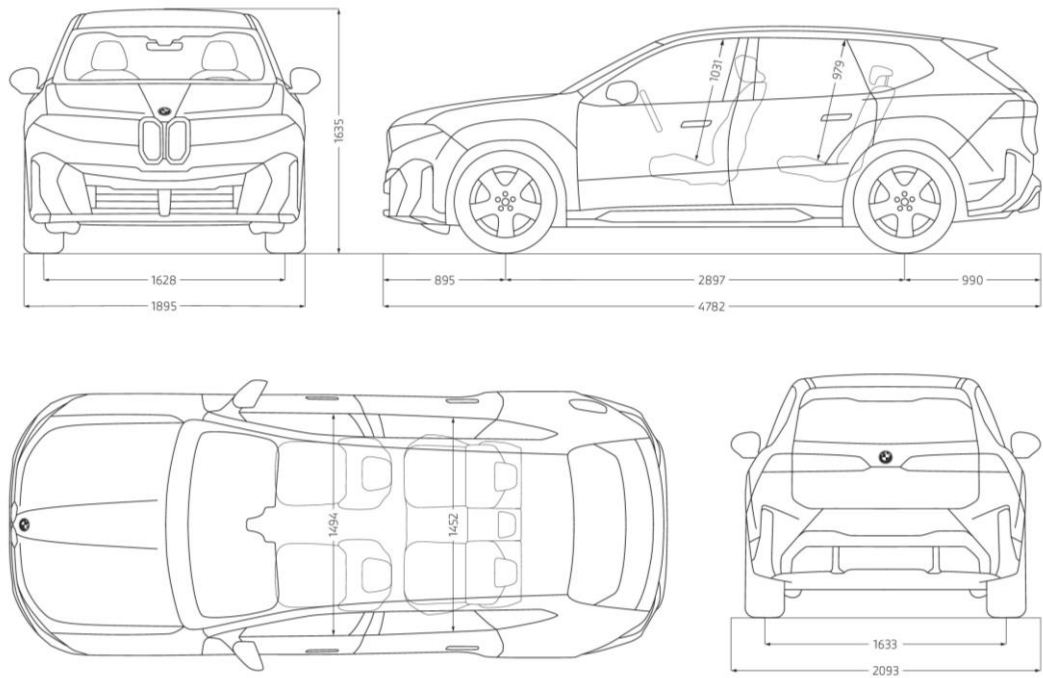
²⁾ Corresponds to WLTP Extra High

All of the stated equipment features, technical data and fuel/electric power consumption and emissions figures relate to the offering in the German market. The figures refer to a vehicle with basic configuration in Germany. These may vary depending on the wheel/tyre size and items of optional equipment selected.

Official electric power consumption and range figures were determined based on the prescribed WLTP measurement procedure and are in accordance with the Pkw-EnVKV. Further information can be found at www.bmw.de

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iX3 50 xDrive with M Sport package.



The dimensions indicated in the technical drawing are in millimetres and may vary depending on the model and items of optional equipment fitted.