

Technical specifications.

BMW iX2.

iX2 eDrive20.



BMW iX2 eDrive20		
Vehicle Category		
Drive type / body style	Battery electric vehicle (BEV) / Sports Activity Coupé (SAC)	
Body		
No. of doors / seats	5 / 5	
Length/width/height (unladen)	mm	4554 / 1845 / 1560
Wheelbase	mm	2692
Track, front/rear	mm	1591 / 1593
Turning circle	m	11.9
Ground clearance (unladen)	mm	167
Weight, unladen (DIN/EU)	kg	1885 / 1960
Max. load to DIN	kg	575
Max. permissible weight	kg	2460
Max. axle load, front/rear	kg	1225 / 1295
Max trailer load, braked (12%/unbraked)	kg	750 / 750
Max. roofload/towbar download	kg	75 / 80
Luggage comp. capacity	l	525 – 1400
Air resistance	c _x	0.25
Power Unit		
Drive concept	Electric drive, transmission of the drive torque from the electric motor to the front wheels, adaptive recuperation	
Max. system output	kW/hp	150 / 204
Max. system torque	Nm	250
System power-to-weight ratio	kg/kW	12.6
Type of transmission	Automatic transmission, single-speed with fixed ratio	
Electric Motor		
Motor technology	Fifth-generation BMW eDrive technology: electrically excited synchronous machine, electric motor sharing the same housing with the power electronics and transmission, generator function for recuperating energy	
Motor designation	eDrive 5.0 O170SF	
Peak output to ECE R 85	kW/hp	150 / 204
at	rpm	8000
Max. torque	Nm	250
at	rpm	0 – 4900
Gear ratio	:1	11.190
High-voltage Battery		
Storage technology	Lithium-ion	
Installation	Underfloor	
Voltage	V	286
Battery capacity	Ah	232
Energy capacity, net	kWh	64.8
Charging time, 0 – 100 % charge	6.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase)	
Charging time, 10 – 80 % charge	29 min at 130 kW (DC, fast-charging station, 500 A)	
Additional range after 10 minutes of DC charging (max charging speed)	km	132
Charging Unit		
Type	Combined Charging Unit (CCU) with built-in voltage transformer for supplying power to the 12V electrical system	
Max. charging rate AC	kW	11 (optional: approx. 22 kW)
Max. charging rate DC	kW	130

BMW iX2 eDrive20		
Driving Dynamics and Safety		
Suspension, front	Single-joint spring strut axle in lightweight aluminium-steel construction	
Suspension, rear	Three-link axle in lightweight steel construction	
Brakes, front	Single-piston floating-calliper disc brakes	
Brakes, rear	Single-piston floating-calliper disc brakes	
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), ARB technology (near-actuator wheel slip limitation), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, drive-off assistant, trailer stability control, Performance Control; optional: Adaptive M suspension	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, interaction airbag between driver and front passenger, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS) with Servotronic function; optional: M Sport steering	
Steering ratio, overall	:1	15.7
Tyres, front/rear	205/65 R17 100Y XL	
Rims, front/rear	7.5J x 17 light-alloy	
Performance		
Acceleration	0–100 km/h	s
		8.6
Top speed	km/h	170 (electronically limited)
Electric Power Consumption / Range		
Electric power consumption combined (WLTP)	kWh/100 km	16.9 – 15.3
Electric power consumption combined (NEDC)	kWh/100 km	–
Range (WLTP)	km	439 – 478
Environmental Characteristics		
Emission rating	Electric vehicle	

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