

# Specifications. (from 9/2021 on)

## BMW iX3.



<b>BMW iX3</b>		
<b>Vehicle category</b>		
Drive type / body style	Battery electric vehicle (BEV) / Sports Activity Vehicle (SAV)	
<b>Body</b>		
No of doors/seats	5 / 5	
Length/width/height (unladen)	mm	4734 / 1891 / 1668
Wheelbase	mm	2864
Turning circle	m	12.1
Weight, unladen (DIN/EU)	kg	2185 / 2260
Weight distribution (unladen), front/rear	% / %	43 / 57
Max load to DIN	kg	540
Max permissible weight	kg	2725
Max axle load, front/rear	kg	940 / 1040
Max trailer load, braked (12%/unbraked)	kg	750 / 750
Max roofload/max towbar download	kg	100 / 75
Luggage comp capacity	l	510 – 1560
Air resistance	C <sub>d</sub> x A	0.29 x 2.65
<b>Electric Motor</b>		
Motor technology	Fifth-generation BMW eDrive technology: current-excited synchronous electric motor, power electronics and single-speed transmission sharing the same housing, generator function for recuperating energy	
Max output at	kW/hp rpm	210 / 286 6000
Continuous output	kW/hp	80 / 109
Max torque	Nm	400
Max rev speed	rpm	17,000
Max recuperation	kW	134
<b>High-voltage Battery</b>		
Storage technology	Lithium-ion	
Installation	Underfloor	
Voltage	V	400
Battery capacity	Ah	232
Energy capacity, gross	kWh	80.0
Energy capacity, net	kWh	74.0
Charging 0-100%	7.5 h at 11 kW (16 A / 230 V, three-phase AC)	
Charging 10-80%	32 min at 150 kW DC	
Range per 10mins charging	km	100 (for 150kW DC charging)
<b>Charging unit</b>		
Type	Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12 V electrical system	
Max charging rate alternating current (AC), single-phase	kW	7.4
Max charging rate alternating current (AC), three-phase	kW	11.0
Max charging rate direct current (DC)	kW	150

<b>BMW iX3</b>		
<b>Driving Dynamics and Safety</b>		
Suspension, front	Double-joint spring strut axle in aluminium construction	
Suspension, rear	Five-link axle in lightweight steel construction	
Brakes, front	Vented disc brakes, with single-piston floating callipers	
Brakes, rear	Vented disc brakes, with single-piston floating callipers	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), ARB (near-actuator wheel slip limitation) technology, CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, HDC (Hill Descent Control), trailer stability control, Performance Control, 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 tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS) with Servotronic function	
Steering ratio, overall	:1	16.8
Tyres, front/rear	245/50 R19 105W XL	
Rims, front/rear	7.5J x 19 aluminium	
<b>Transmission</b>		
Type of transmission	Automatic transmission, single-speed with fixed ratio	
Ratio	:1	11.115
Final drive	:1	1.0
<b>Performance</b>		
Power-to-weight ratio (DIN, based on max output)	kg/kW	10.4
Acceleration 0-100 km/h	s	6.8
Acceleration 0-60 km/h	s	3.7
Acceleration 80-120 km/h	s	2.5
Top speed	km/h	180 (electronically limited)
<b>Off-road characteristics</b>		
Angle of approach/departure	°	23.1 / 20.9
Breakover angle	°	14.8
Ground clearance when unladen	mm	179
Fording depth (at 7 km/h)	mm	500
<b>Electric power consumption / range in WLTP test cycle</b>		
Electric power consumption combined	kWh/100 km	19.5 – 18.5
Range	km	up to 460
<b>Environmental characteristics</b>		
Emissions rating	Electric vehicle	
CO <sub>2</sub> Life Cycle Assessment when charging with green electricity for the use phase, compared to BMW X3 20d	60%	
CO <sub>2</sub> Life Cycle Assessment when charging with EU28 electricity mix for the use phase, compared to BMW X3 20d	30%	

The fuel consumption, CO<sub>2</sub> emissions, electric power consumption and operating range figures are determined according to the European WLTP Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in the EU. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Schramhausen and at <https://www.dat.de/co2/>.