

Technical specifications.

BMW iX.

iX xDrive40.



BMW iX xDrive40		
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	4953 / 1967 / 1695
Wheelbase	mm	3000
Track, front/rear	mm	1679 / 1709
Turning circle	m	12.8
Weight, unladen (DIN/EU)	kg	2365 / 2440
Max. load to DIN	kg	645
Max. permissible weight	kg	3010
Max. axle load, front/rear	kg	1450 / 1690
Max. trailer load, braked (12%/unbraked)	kg	2500 / 750
Max. roofload/towbar download	kg	75 / 100
Luggage comp. capacity	l	500 – 1750
Air resistance	c _x x A	0.25 x 2.82
Power Unit		
Drive concept	Electric drive, coordinated transmission of the drive torque from two electric motors to the front and rear wheels respectively in accordance with requirements	
Max. system output	kW/hp	240 / 326
Max. system torque	Nm	630
System power-to-weight ratio	kg/kW	9.9
Type of transmission	Automatic transmission, single-speed with fixed ratio	
Electric Motors		
Motor technology	Fifth-generation BMW eDrive technology: electrically excited synchronous motors each sharing the same housing with the power electronics and single-speed transmission, generator function for recuperating energy	
Front electric motor		
Peak output to ECE R 85	kW/hp	200 / 272
Continuous output to ECE R 85	kW/hp	50 / 68
Max. torque	Nm	352
Gear ratio	:1	8.774
Rear electric motor		
Peak output to ECE R 85	kW/hp	250 / 340
Continuous output to ECE R 85	kW/hp	80 / 109
Max. torque	Nm	400
Gear ratio	:1	11.115
High-voltage Battery		
Storage technology	Lithium-ion	
Installation	Underfloor	
Voltage	V	330.3
Battery capacity	Ah	232
Energy capacity, gross	kWh	76.6
Energy capacity, net	kWh	71.0
Charging time, 0 – 100 % charge	< 8 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox)	
Charging time, 10 – 80 % charge	31 min at 150 kW (DC, fast-charging station)	
Charging Unit		
Type	Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12V electrical system	
Max. charging rate AC, single-phase	kW	7.4
Max. charging rate AC, three-phase	kW	11.0
Max. charging rate DC	kW	150

BMW iX xDrive40		
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling and electronically controlled dampers
Suspension, rear		Five-link axle in lightweight steel construction, steerable; optional: air suspension with automatic self-levelling and electronically controlled dampers
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brake disc size	mm	348 x 30
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Brake disc size	mm	330 x 20
Driving stability systems		Standard: DSC incl. ABS, ASC 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, HDC (Hill Descent Control), trailer stability control, Performance 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 stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function and variable steering ratio; optional: Integral Active Steering
Steering ratio, overall	:1	16.0
Tyres, front/rear		235/60 R20 108H XL
Rims, front/rear		8.5J x 20 light-alloy
Performance		
Acceleration 0–100 km/h	s	6.1
Top speed	km/h	200 (electronically limited)
Off-road Characteristics		
Angle of approach/departure	°	18.8 / 20.7
Breakover angle	°	17.5
Ground clearance (unladen)	mm	202
Fording depth (at 7 km/h)	mm	379
Electric Power Consumption / Range		
Electric power consumption combined (WLTP)	kWh/100 km	22.5 – 19.4
Range (WLTP)	km	372 – 425
Environmental Characteristics		
Emission rating		Electric vehicle

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

Official fuel consumption, CO₂ emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. They refer to vehicles in the German market. Where a range is shown, NEDC figures consider the different sizes of the selected wheels/tyres, while WLTP figures take into account the impact of any optional extras.

WLTP values are used for determining vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions as well as eligibility for any applicable vehicle-specific subsidies. Any NEDC values that are shown were calculated based on the new WLTP measurement procedure where appropriate and translated back into equivalent NEDC measurements in order to ensure comparability between the vehicles. Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ 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-Schornhausen and at <https://www.dat.de/co2/>.

BMW iX. iX xDrive50.

BMW iX xDrive50		
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	4953 / 1967 / 1696
Wheelbase	mm	3000
Track, front/rear	mm	1677 / 1706
Turning circle	m	12.8
Weight, unladen (DIN/EU)	kg	2510 / 2585
Max. load to DIN	kg	635
Max. permissible weight	kg	3145
Max. axle load, front/rear	kg	1530 / 1780
Max. trailer load, braked (12%)/unbraked	kg	2500 / 750
Max. roofload/towbar download	kg	75 / 100
Luggage comp. capacity	l	500 – 1750
Air resistance	$c_x \times A$	0.25 x 2.82
Power Unit		
Drive concept	Electric drive, coordinated transmission of the drive torque from two electric motors to the front and rear wheels respectively in accordance with requirements	
Max. system output	kW/hp	385 / 523
Max. system torque	Nm	765
System power-to-weight ratio	kg/kW	6.5
Type of transmission	Automatic transmission, single-speed with fixed ratio	
Electric Motors		
Motor technology	Fifth-generation BMW eDrive technology: electrically excited synchronous motors each sharing the same housing with the power electronics and single-speed transmission, generator function for recuperating energy	
Front electric motor		
Peak output to ECE R 85	kW/hp	200 / 272
Continuous output to ECE R 85	kW/hp	50 / 68
Max. torque	Nm	352
Gear ratio	:1	8.774
Rear electric motor		
Peak output to ECE R 85	kW/hp	250 / 340
Continuous output to ECE R 85	kW/hp	80 / 109
Max. torque	Nm	400
Gear ratio	:1	11.115
High-voltage Battery		
Storage technology	Lithium-ion	
Installation	Underfloor	
Voltage	V	369
Battery capacity	Ah	303
Energy capacity, gross	kWh	111.5
Energy capacity, net	kWh	105.2
Charging time, 0 – 100 % charge	< 11 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox)	
Charging time, 10 – 80 % charge	35 min at 200 kW (DC, fast-charging station)	
Charging Unit		
Type	Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12V electrical system	
Max. charging rate AC, single-phase	kW	7.4
Max. charging rate AC, three-phase	kW	11.0
Max. charging rate DC	kW	200

BMW iX xDrive50		
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling and electronically controlled dampers
Suspension, rear		Five-link axle in lightweight steel construction, steerable; optional: air suspension with automatic self-levelling and electronically controlled dampers
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brake disc size	mm	348 x 36
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Brake disc size	mm	345 x 24
Driving stability systems		Standard: DSC incl. ABS, ASC 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, HDC (Hill Descent Control), trailer stability control, Performance 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 stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function and variable steering ratio; optional: Integral Active Steering
Steering ratio, overall	:1	16.0
Tyres, front/rear		235/60 R20 108H XL
Rims, front/rear		8.5J x 20 light-alloy
Performance		
Acceleration 0–100 km/h	s	4.6
Top speed	km/h	200 (electronically limited)
Off-road Characteristics		
Angle of approach/departure	°	18.8 / 20.8
Breakover angle	°	17.6
Ground clearance (unladen)	mm	203
Fording depth (at 7 km/h)	mm	379
Electric Power Consumption / Range		
Electric power consumption combined (WLTP)	kWh/100 km	23.0 – 19.8
Range (WLTP)	km	549 – 630
Environmental Characteristics		
Emission rating		Electric vehicle

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

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