

Technical specifications.

BMW iX.

iX xDrive45.



BMW iX xDrive45		
Vehicle category		
Drive type / body variant	Battery electric vehicle – BEV / Sports Activity Vehicle – SAV	
Body		
Number of doors/seats	5 / 5	
Length/width/height (empty)	mm	4965 / 1970 / 1695
Wheelbase	mm	3000
Track width, front/rear	mm	1677 / 1706
Turning circle	m	12.8
Vehicle curb weight (DIN/EU)	kg	2450 / 2525
Payload according to DIN	kg	650
Permitted total weight	kg	3100
Permitted axle loads, front/rear	kg	1450 / 1750
Permitted trailer load		
braked (12 %) / unbraked	kg	2500 / 750
Permitted roof load/permited trailer nose weight	kg	75 / 100
Luggage compartment volume	l	500 – 1750
Drag coefficient	c _x x A	0.25 x 2.82
Drive		
Drive concept	Electric all-wheel drive, coordinated transmission of drive torque from one electric motor to the front and one to the rear wheels as needed	
System performance	kW/hp	300 / 408
System torque	Nm	700
System power weight	kg/kW	8.2
Transmission type	Automatic transmission, single-stage with fixed ratio	
Electric motors		
Engine technology	Fifth-generation BMW eDrive technology: Current-excited synchronous machines, electric motor, power electronics and transmission each integrated in a common housing, generator function for recuperation	
Electric motor front		
Motor designation	eDrive 5.0 U220SF	
Peak power according to ECE R 85	kW/hp	190 / 258
at engine speed	rpm	8000
max. torque	Nm	365
at engine speed	rpm	0 – 5000
Overall ratio	:1	8.774
Electric motor rear		
Motor designation	eDrive 5.0 M220SR	
Peak power according to ECE R 85	kW/hp	200 / 272
at engine speed	rpm	8000
max. torque	Nm	400
at engine speed	rpm	0 – 5000
Overall ratio	:1	11.115
High voltage battery		
Battery technology	Lithium-ion	
Installation location	Underbody	
Voltage	V	332
Battery capacity:	Ah	303
Net energy content	kWh	94.8
Charging time for 0 – 100% charge	9:45 h at 11 kW (16 A / 230 V, AC three-phase, wallbox)	
Charging time for 0 – 100% charge	5 h at 22 kW (32 A / 230 V, AC three-phase, wallbox)	
Charging time for 10 – 80% charge	34 min at 175 kW (500 A, DC, fast charging station)	
Additional range after 10 minutes of DC charging (max. charging rate)	km	131 – 166
Charging unit		
Type	Combined Charging Unit (CCU) with integrated 4-kW voltage converter for supplying the 12-volt electrical system	
max. charging power alternating current (AC) single-phase	kW	7.4
max. charging power alternating current (AC) three-phase	kW	11.0 (optional: 22.0)
max. charging power direct current (DC)	kW	175

BMW iX xDrive45		
Driving dynamics and safety		
Front wheel suspension	Double wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling and electronically controlled dampers	
Rear wheel suspension	Five-link axle in lightweight steel construction, steerable; optional: air suspension with automatic self-levelling and electronically controlled dampers	
Brakes, front	Four-piston, fixed-caliper disc brakes, ventilated	
Brake disc size	mm	348 x 30
Brakes, rear	Single-piston, floating-caliper disc brakes, ventilated	
Brake disc size	mm	330 x 20
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), directly controlled wheel slip limitation, Cornering Brake Assist CBC, Brake Assist DBC, Dry Brake Function, Fade Compensation, Hill Start Control, Hill Descent Control (HDC), Trailer Stability Control, Performance Control	
Safety equipment	Standard: Airbags for driver and passenger, side airbags for driver and passenger, interaction airbag between driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display	
Steering	Electrically assisted rack-and-pinion steering (EPS) with Servotronic function and variable steering ratio; optional: Integral Active Steering	
Overall steering ratio	:1	16.0
Tyres, front/rear	235/60 R20 108H XL	
Wheel rims, front/rear	8.5J x 20 light alloy	
Driving performance figures		
Acceleration 0-100 km/h (62 mph)	s	5.1
Top speed	km/h	200 (electronically limited)
Offroad properties		
Overhang angle front/rear	°	18.8 / 20.7
Ramp angle	°	17.5
Ground clearance, empty	mm	202
Wading depth (at 5 km/h)	mm	400
Consumption / range		
Power consumption combined (WLTP)	kWh/100 km	21.8
Power consumption highway (WLTP)	kWh/100 km	27.0
Range (WLTP)	km	490 – 602
Environmental features		
Pass-by noise	dB(A)	67
Emission rating	Electric vehicle	
CO ₂ class(es)	A	

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases
All data on performance, consumption, emissions and range are provisional values.

¹⁾ Data not yet available

All the model variants, equipment levels, technical specifications, consumption and emission values described correspond to what is available on the automotive market in Germany. Dimensions refer to a vehicle fitted with basic equipment in Germany, depending on the selected wheel and tyre size as well as selected optional equipment. These may change according to how the car is configured.

Official data on power consumption were determined in accordance with the prescribed WLTP measurement procedure and comply with the Passenger Car Energy Consumption Labelling Ordinance. Go to www.bmw.de for more information.

BMW iX. iX xDrive60.

BMW iX xDrive60		
Vehicle category		
Drive type / body variant	Battery electric vehicle – BEV / Sports Activity Vehicle – SAV	
Body		
Number of doors/seats	5 / 5	
Length/width/height (empty)	mm	4965 / 1970 / 1695
Wheelbase	mm	3000
Track width, front/rear	mm	1677 / 1706
Turning circle	m	12.8
Vehicle curb weight (DIN/EU)	kg	2505 / 2580
Payload according to DIN	kg	640
Permitted total weight	kg	3145
Permitted axle loads, front/rear	kg	1530 / 1780
Permitted trailer load braked (12 %) / unbraked	kg	2500 / 750
Permitted roof load/permitted trailer nose weight	kg	75 / 100
Luggage compartment volume	l	500 – 1750
Drag coefficient	c _x x A	0.25 x 2.82
Drive		
Drive concept	Electric all-wheel drive, coordinated transmission of drive torque from one electric motor to the front and one to the rear wheels as needed	
System performance	kW/hp	400 / 544
System torque	Nm	765
System power weight	kg/kW	6.3
Transmission type	Automatic transmission, single-stage with fixed ratio	
Electric motors		
Engine technology	Fifth-generation BMW eDrive technology: Current-excited synchronous machines, electric motor, power electronics and transmission each integrated in a common housing, generator function for recuperation	
Electric motor front		
Motor designation	eDrive 5.0 U220SF	
Peak power according to ECE R 85	kW/hp	190 / 258
at engine speed	rpm	8000
max. torque	Nm	365
at engine speed	rpm	0 – 5000
Overall ratio	:1	8.774
Electric motor rear		
Motor designation	eDrive 5.0 M220SR	
Peak power according to ECE R 85	kW/hp	230 / 313
at engine speed	rpm	8000
max. torque	Nm	400
at engine speed	rpm	0 – 5000
Overall ratio	:1	11.115
High voltage battery		
Battery technology	Lithium-ion	
Installation location	Underbody	
Voltage	V	369
Battery capacity:	Ah	303
Net energy content	kWh	109.1
Charging time for 0 – 100% charge	11 h at 11 kW (16 A / 230 V, AC three-phase, wallbox)	
Charging time for 0 – 100% charge	5:45 h at 22 kW (32 A / 230 V, AC three-phase, wallbox)	
Charging time for 10 – 80% charge	35 min at 195 kW (500 A, DC, fast charging station)	
Additional range after 10 minutes of DC charging (max. charging rate)	km	168 – 217
Charging unit		
Type	Combined Charging Unit (CCU) with integrated 4-kW voltage converter for supplying the 12-volt electrical system	
max. charging power alternating current (AC) single-phase	kW	7.4
max. charging power alternating current (AC) three-phase	kW	11.0 (optional: 22.0)
max. charging power direct current (DC)	kW	195

BMW iX xDrive60		
Driving dynamics and safety		
Front wheel suspension	Double wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling and electronically controlled dampers	
Rear wheel suspension	Five-link axle in lightweight steel construction, steerable; optional: air suspension with automatic self-levelling and electronically controlled dampers	
Brakes, front	Four-piston, fixed-caliper disc brakes, ventilated	
Brake disc size	mm	348 x 36
Brakes, rear	Single-piston, floating-caliper disc brakes, ventilated	
Brake disc size	mm	345 x 24
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), directly controlled wheel slip limitation, Cornering Brake Assist CBC, Brake Assist DBC, Dry Brake Function, Fade Compensation, Hill Start Control, Hill Descent Control (HDC), Trailer Stability Control, Performance Control	
Safety equipment	Standard: Airbags for driver and passenger, side airbags for driver and passenger, interaction airbag between driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display	
Steering	Electrically assisted rack-and-pinion steering (EPS) with Servotronic function and variable steering ratio; optional: Integral Active Steering	
Overall steering ratio	:1	16.0
Tyres, front/rear	235/60 R20 108H XL	
Wheel rims, front/rear	8.5J x 20 light alloy	
Driving performance figures		
Acceleration 0–100 km/h (62 mph)	s	4.6
Top speed	km/h	200 (electronically limited)
Offroad properties		
Overhang angle front/rear	°	18.8 / 20.7
Ramp angle	°	17.5
Ground clearance, empty	mm	202
Wading depth (at 5 km/h)	mm	400
Consumption / range		
Power consumption combined (WLTP)	kWh/100 km	21.9
Power consumption highway (WLTP)	kWh/100 km	27.1
Range (WLTP)	km	563 – 701
Environmental features		
Pass-by noise	dB(A)	66
Emission rating	Electric vehicle	
CO ₂ class(es)	A	

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BMW iX. iX M70 xDrive.

BMW iX M70 xDrive		
Vehicle category		
Drive type / body variant	Battery electric vehicle – BEV / Sports Activity Vehicle – SAV	
Body		
Number of doors/seats	5 / 5	
Length/width/height (empty)	mm	4965 / 1970 / 1695
Wheelbase	mm	3000
Track width, front/rear	mm	1659 / 1688
Turning circle	m	12.8
Vehicle curb weight (DIN/EU)	kg	2580 / 2655
Payload according to DIN	kg	580
Permitted total weight	kg	3160
Permitted axle loads, front/rear	kg	1530 / 1795
Permitted trailer load braked (12 %) / unbraked	kg	2500 / 750
Permitted roof load/permitted trailer nose weight	kg	75 / 100
Luggage compartment volume	l	500 – 1750
Drag coefficient	c _x x A	0.26 x 2.82
Drive		
Drive concept	Electric all-wheel drive, coordinated transmission of drive torque from one electric motor to the front and one to the rear wheels as needed	
System performance	kW/hp	485 / 659 ¹⁾
System torque	Nm	1015 ²⁾
System power weight	kg/kW	5.3
Transmission type	Automatic transmission, single-stage with fixed ratio	
Electric motors		
Engine technology	Fifth-generation BMW eDrive technology: Current-excited synchronous machines, electric motor, power electronics and transmission each integrated in a common housing, generator function for recuperation	
Electric motor front		
Motor designation	eDrive 5.0 U220SF	
Peak power according to ECE R 85	kW/hp	190 / 258
at engine speed	rpm	8000
max. torque	Nm	365
at engine speed	rpm	0 – 5000
Overall ratio	:1	8.774
Electric motor rear		
Motor designation	eDrive 5.0 O220SR	
Peak power according to ECE R 85	kW/hp	360 / 489
at engine speed	rpm	13000
max. torque	Nm	650
at engine speed	rpm	0 – 5000
Overall ratio	:1	8.765
High voltage battery		
Battery technology	Lithium-ion	
Installation location	Underbody	
Voltage	V	369
Battery capacity:	Ah	303
Net energy content	kWh	108.9
Charging time for 0 – 100% charge	11 h at 11 kW (16 A / 230 V, AC three-phase, wallbox)	
Charging time for 0 – 100% charge	5:45 h at 22 kW (32 A / 230 V, AC three-phase, wallbox)	
Charging time for 10 – 80% charge	35 min at 195 kW (500 A, DC, fast charging station)	
Additional range after 10 minutes of DC charging (max. charging rate)	km	152 – 182
Charging unit		
Type	Combined Charging Unit (CCU) with integrated 4-kW voltage converter for supplying the 12-volt electrical system	
max. charging power alternating current (AC) single-phase	kW	7.4
max. charging power alternating current (AC) three-phase	kW	22.0
max. charging power direct current (DC)	kW	195

BMW iX M70 xDrive		
Driving dynamics and safety		
Front wheel suspension		Double wishbone suspension in aluminium construction, M specific adaptive air suspension with automatic self-levelling, electronically controlled dampers
Rear wheel suspension		Five-link axle in lightweight steel construction, M specific adaptive air suspension with automatic self-levelling and electronically controlled dampers
Brakes, front		Four-piston, fixed-caliper disc brakes, ventilated
Brake disc size	mm	348 x 36
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Brake disc size	mm	345 x 24
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), directly controlled wheel slip limitation, Cornering Brake Assist CBC, Brake Assist DBC, Dry Brake Function, Fade Compensation, Hill Start Control, Hill Descent Control (HDC), Trailer Stability Control, Performance Control
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, interaction airbag between driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter, crash sensors, tyre pressure display
Steering		Electrically assisted rack-and-pinion steering (EPS) with Servotronic function and variable steering ratio, Integral Active Steering
Overall steering ratio	:1	16.0
Tyres, front/rear		275/40 R22 107Y XL
Wheel rims, front/rear		9.5J x 22 light alloy
Driving performance figures		
Acceleration 0–100 km/h (62 mph) (according to "1-foot rollout" method) ³⁾	s	3.8 (3.5)
Top speed	km/h	250 (electronically limited)
Offroad properties		
Overhang angle front/rear	°	18.8 / 20.7
Ramp angle	°	17.5
Ground clearance, empty	mm	202
Wading depth (at 5 km/h)	mm	400
Consumption / range		
Power consumption combined (WLTP)	kWh/100 km	23.5
Power consumption highway (WLTP)	kWh/100 km	27.4
Range (WLTP)	km	521 – 600
Environmental features		
Pass-by noise	dB(A)	69
Emission rating		Electric vehicle
CO ₂ class(es)		A

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¹⁾ in My Mode Sport

²⁾ Maximum torque of 1,015 Nm or 1,100 Nm with Launch Control activated

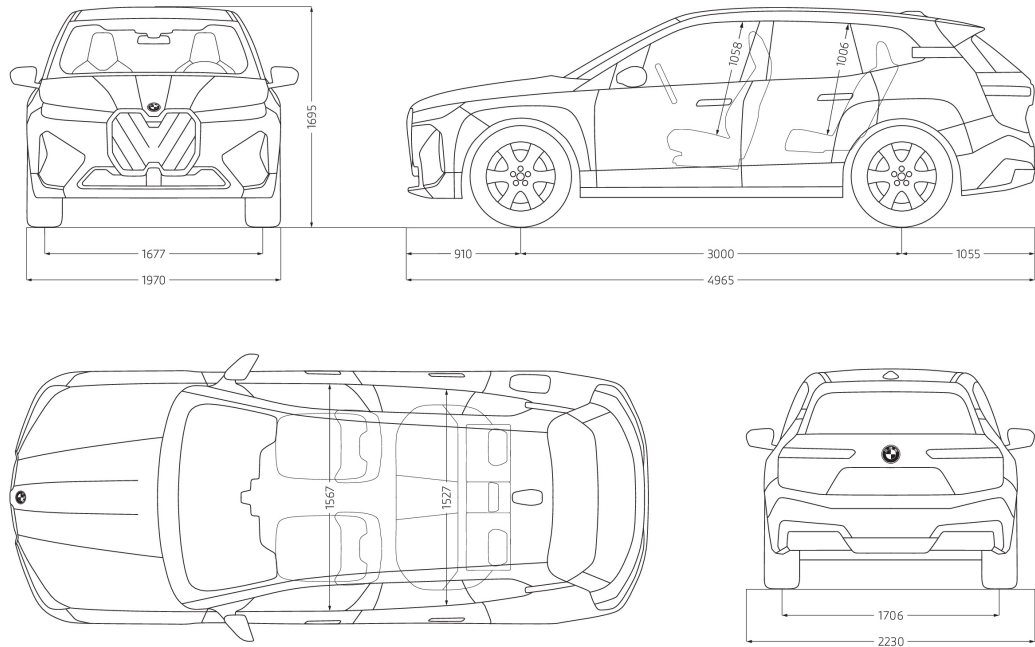
³⁾ Value with "rollout" deducted: With this alternative method of measurement, timekeeping does not begin until the vehicle has left a light barrier. The distance not taken into account in the measurement (the "rollout") is 1 foot = 30.48 cm.

⁴⁾ Data not yet available

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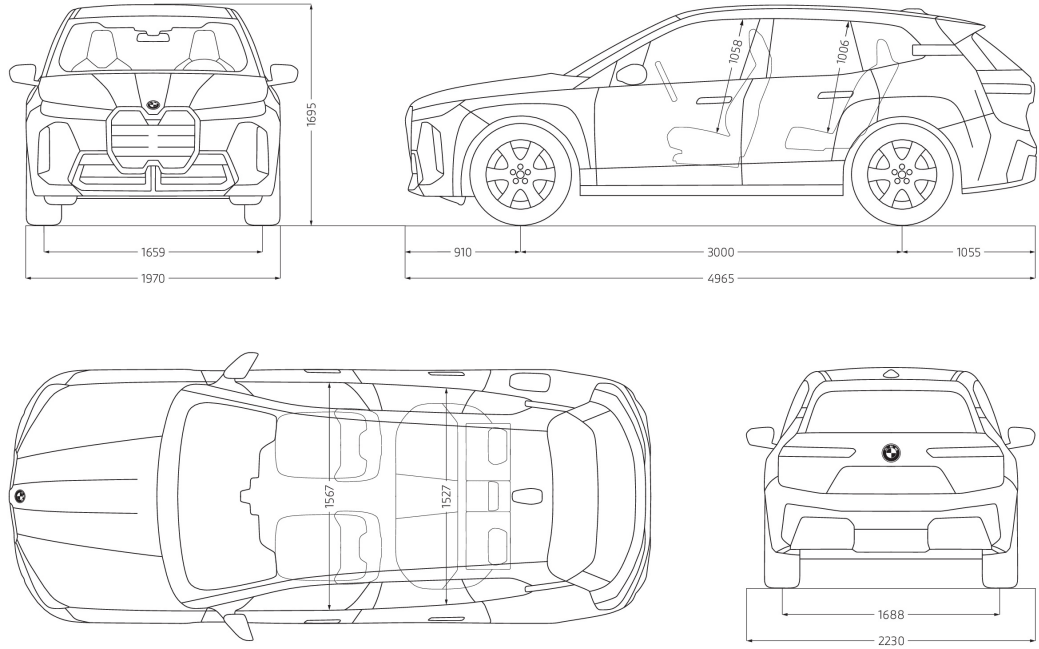
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Exterior and interior dimensions. BMW iX. iX xDrive45, iX xDrive60.



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

BMW iX. iX M70 xDrive.



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