

Technical specifications.

BMW i4.

i4 eDrive35.



BMW i4 eDrive35		
Vehicle Category		
Drive type / body style		Battery-electric vehicle (BEV) / Gran Coupé
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4783 / 1852 / 1448
Wheelbase	mm	2856
Track, front/rear	mm	1601 / 1630
Turning circle	m	12.5
Ground clearance (unladen)	mm	125
Weight, unladen (DIN/EU)	kg	2000 / 2075
Max. load to DIN	kg	555
Max. permissible weight	kg	2555
Max. axle load, front/rear	kg	1105 / 1530
Max. trailer load, braked (12%)/unbraked	kg	1600 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	470 – 1290
Air resistance	c _x x A	0.24 x 2.31
Power Unit		
Drive concept		Electric drive, transmission of the electric motor's drive torque to the rear wheels
Max. system output	kW/hp	210 / 286
Max. system torque	Nm	400
System power-to-weight ratio	kg/kW	9.5
Type of transmission	Automatic transmission, single-speed with fixed ratio	
Electric Motor		
Motor technology		Fifth-generation BMW eDrive technology: electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy
Peak output to ECE R 85	kW/hp	210 / 286
at	rpm	6000
Max. torque	Nm	400
at	rpm	0 – 4500
Gear ratio	:1	11.115
High-voltage Battery		
Storage technology		Lithium-ion
Installation		Underfloor
Voltage	V	353
Battery capacity	Ah	199
Energy capacity, gross	kWh	70.3
Energy capacity, net	kWh	67.1
Charging time, 0 – 100 % charge		7 h at 11 kW (AC, Wallbox, 16 A / 380 V / 3-phase)
Charging time, 10 – 80 % charge		32 min at 180 kW init. (DC, fast-charging station)
Additional range after 10 minutes of DC charging (max. charging rate)		144
Charging Unit		
Type		Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12 V electrical system
Max. charging rate AC	kW	11
Max. charging rate DC	kW	180

BMW i4 eDrive35		
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction, air suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed 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 technology (near-actuator wheel slip limitation), 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; optional: adaptive M 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 tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering
Steering ratio, overall		:1 15.5
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy
Performance		
Acceleration	0–100 km/h	s 6.0
Top speed		km/h 190 (electronically limited)
Environmental		
Energy consumption (WLTP combined)		kWh/100 km 18.6 – 15.1
CO ₂ emissions (WLTP combined)		g/km 0
CO ₂ class		A
Range (WLTP combined)		km 406 – 500
Energy consumption (WLTP extra high, ~ cruise control 130km/h)		kWh/100km 22.5
Emission rating		Electric vehicle

Specifications apply to ACEA markets. WLTP data d weight data apply to the German market.

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. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Further information on the WLTP measurement procedures can also be found at www.bmw.de/wltp.

BMW i4. i4 eDrive40.

BMW i4 eDrive40		
Vehicle Category		
Drive type / body style		Battery-electric vehicle (BEV) / Gran Coupé
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4783 / 1852 / 1448
Wheelbase	mm	2856
Track, front/rear	mm	1601 / 1630
Turning circle	m	12.5
Ground clearance (unladen)	mm	125
Weight, unladen (DIN/EU)	kg	2050 / 2125
Max. load to DIN	kg	555
Max. permissible weight	kg	2605
Max. axle load, front/rear	kg	1130 / 1555
Max. trailer load, braked (12%)/unbraked	kg	1600 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	470 – 1290
Air resistance	c _x x A	0.24 x 2.31
Power Unit		
Drive concept		Electric drive, transmission of the electric motor's drive torque to the rear wheels
Max. system output	kW/hp	250 / 340
Max. system torque	Nm	430
System power-to-weight ratio	kg/kW	8.2
Type of transmission	Automatic transmission, single-speed with fixed ratio	
Electric Motor		
Motor technology		Fifth-generation BMW eDrive technology: electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy
Peak output to ECE R 85	kW/hp	250 / 340
at	rpm	8000 – 17000
Max. torque	Nm	430
at	rpm	0 – 5000
Gear ratio	:1	11.115
High-voltage Battery		
Storage technology		Lithium-ion
Installation		Underfloor
Voltage	V	398.5
Battery capacity	Ah	210.6
Energy capacity, gross	kWh	83.9
Energy capacity, net	kWh	81.3
Charging time, 0 – 100 % charge		8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase)
Charging time, 10 – 80 % charge		30 min at 205 kW init. (DC, fast-charging station)
Additional range after 10 minutes of DC charging (max. charging rate)		km
		154
Charging Unit		
Type		Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12 V electrical system
Max. charging rate AC	kW	11
Max. charging rate DC	kW	205

BMW i4 eDrive40			
Driving Dynamics and Safety			
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing	
Suspension, rear		Five-link axle in lightweight aluminium-steel construction, air suspension with automatic self-levelling	
Brakes, front		Vented disc brakes, with four-piston fixed 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 technology (near-actuator wheel slip limitation), 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; optional: adaptive M 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 tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator	
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering	
Steering ratio, overall		:1	15.5
Tyres, front/rear		225/55 R17 101Y XL	
Rims, front/rear		7.5J x 17 light-alloy	
Performance			
Acceleration 0–100 km/h		s	5.7
Top speed		km/h	190 (electronically limited)
Environmental			
Energy consumption (WLTP combined)		kWh/100 km	18.6 – 15.4
CO ₂ emissions (WLTP combined)		g/km	0
CO ₂ class(es)			A
Range (WLTP combined)		km	491 – 600
Energy consumption (WLTP extra high, ~ cruise control 130km/h)		kWh/100km	22.4
Emission rating		Electric vehicle	

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BMW i4. i4 xDrive40.

BMW i4 xDrive40		
Vehicle Category		
Drive type / body style		Battery-electric vehicle (BEV) / Gran Coupé
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)		mm 4783 / 1852 / 1448
Wheelbase		mm 2856
Track, front/rear		mm 1601 / 1630
Turning circle		m 12.5
Ground clearance (unladen)		mm 125
Weight, unladen (DIN/EU)		kg 2185 / 2260
Max. load to DIN		kg 555
Max. permissible weight		kg 2740
Max. axle load, front/rear		kg 1260 / 1560
Max. trailer load, braked (12%)/unbraked		kg 1600 / 750
Max. roofload/towbar download		kg 75 / 75
Luggage comp. capacity		l 470 – 1290
Air resistance		c _x x A 0.24 x 2.31
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, adaptive recuperation
Max. system output		kW/hp 295 / 401
Max. system torque		Nm 600
System power-to-weight ratio		kg/kW 7.4
Type of transmission		Automatic transmission, single-speed with fixed ratio
Electric Motors		
Motor technology		Fifth-generation BMW eDrive technology: electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy
Front Electric Motor		
Peak output to ECE R 85		kW/hp 190 / 258
at		rpm 8000 – 17000
Max. torque		Nm 330
at		rpm 0 – 5000
Gear ratio		:1 8.774
Rear Electric Motor		
Peak output to ECE R 85		kW/hp 230 / 313
at		rpm 8000 – 17000
Max. torque		Nm 400
at		rpm 0 – 5000
Gear ratio		:1 9.374
High-voltage Battery		
Storage technology		Lithium-ion
Installation		Underfloor
Voltage		V 398.5
Battery capacity		Ah 210.6
Energy capacity, gross		kWh 83.9
Energy capacity, net		kWh 81.3
Charging time, 0 – 100 % charge		8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase)
Charging time, 10 – 80 % charge		30 min at 205 kW init. (DC, fast-charging station)
Additional range after 10 minutes of DC charging (max. charging rate)		km 149
Charging Unit		
Type		Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12 V electrical system
Max. charging rate AC		kW 11
Max. charging rate DC		kW 205

BMW i4 xDrive40			
Driving Dynamics and Safety			
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing	
Suspension, rear		Five-link axle in lightweight aluminium-steel construction, air suspension with automatic self-levelling	
Brakes, front		Vented disc brakes, with four-piston fixed 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 technology (near-actuator wheel slip limitation), 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; optional: adaptive M 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 tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator	
Steering		Electric Power Steering (EPS) with Servotronic function; optional: variable sport steering	
Steering ratio, overall		:1	14.1
Tyres, front/rear		245/45 R18 100Y XL / 255/45 R18 103 Y XL	
Rims, front/rear		8.5J x 18 light-alloy / 9J x 18 light-alloy	
Performance			
Acceleration	0–100 km/h	s	5.1
Top speed		km/h	200 (electronically limited)
Environmental			
Energy consumption (WLTP combined)		kWh/100 km	19.8 – 16.7
CO ₂ emissions (WLTP combined)		g/km	0
CO ₂ class(es)			A
Range (WLTP combined)		km	459 – 546
Energy consumption (WLTP extra high, ~ cruise control 130km/h)		kWh/100km	23.3
Emission rating		Electric vehicle	

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Further information on the WLTP measurement procedures can also be found at www.bmw.de/wltp.

BMW i4. i4 M50 xDrive.

BMW i4 M50 xDrive		
Vehicle Category		
Drive type / body style		Battery-electric vehicle (BEV) / Gran Coupé
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4783 / 1852 / 1448
Wheelbase	mm	2856
Track, front/rear	mm	1601 / 1630
Turning circle	m	12.5
Ground clearance (unladen)	mm	125
Weight, unladen (DIN/EU)	kg	2215 / 2290
Max. load to DIN	kg	520
Max. permissible weight	kg	2735
Max. axle load, front/rear	kg	1270 / 1550
Max. trailer load, braked (12%)/unbraked	kg	1600 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	470 – 1290
Air resistance	c _x x A	0.25 x 2.33
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, adaptive recuperation
Max. system output	kW/hp	400 / 544
Max. system torque	Nm	795
System power-to-weight ratio	kg/kW	5.5
Type of transmission		Automatic transmission, single-speed with fixed ratio
Electric Motors		
Motor technology		Fifth-generation BMW eDrive technology: electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy
Front Electric Motor		
Peak output to ECE R 85	kW/hp	190 / 258
at	rpm	8000 – 17000
Max. torque	Nm	365
at	rpm	0 – 5000
Gear ratio	:1	8.774
Rear Electric Motor		
Peak output to ECE R 85	kW/hp	230 / 313
at	rpm	8000 – 17000
Max. torque	Nm	430
at	rpm	0 – 5000
Gear ratio	:1	9.374
High-voltage Battery		
Storage technology		Lithium-ion
Installation		Underfloor
Voltage	V	398.5
Battery capacity	Ah	210.6
Energy capacity, gross	kWh	83.9
Energy capacity, net	kWh	81.3
Charging time, 0 – 100 % charge	8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase)	
Charging time, 10 – 80 % charge	30 min at initial 205 kW (DC, fast-charging station)	
Additional range after 10 minutes of DC charging (max. charging rate)	km	135
Charging Unit		
Type		Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12 V electrical system
Max. charging rate AC	kW	11
Max. charging rate DC	kW	205

BMW i4 M50 xDrive		
Driving Dynamics and Safety		
Suspension, front	Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing	
Suspension, rear	Five-link axle in lightweight aluminium-steel construction, air suspension with automatic self-levelling	
Brakes, front	Vented disc brakes, with four-piston fixed 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 technology (near-actuator wheel slip limitation), 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 M 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 tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS), variable sport steering with Servotronic function	
Steering ratio, overall	:1	14.1
Tyres, front/rear	245/45 R18 100Y XL / 255/45 R18 103 Y XL	
Rims, front/rear	8.5J x 18 light-alloy / 9J x 18 light-alloy	
Performance		
Acceleration 0–100 km/h	s	3.9
Top speed	km/h	225 (electronically limited)
Environmental		
Energy consumption (WLTP combined)	kWh/100 km	21.9 – 17.6
CO ₂ emissions (WLTP combined)	g/km	0
CO ₂ class(es)		A
Range (WLTP combined)	km	416 – 520
Energy consumption (WLTP extra high, ~ cruise control 130km/h)	kWh/100km	25.7
Emission rating	Electric vehicle	

Specifications apply to ACEA markets. WLTP data d weight data apply to the German market.

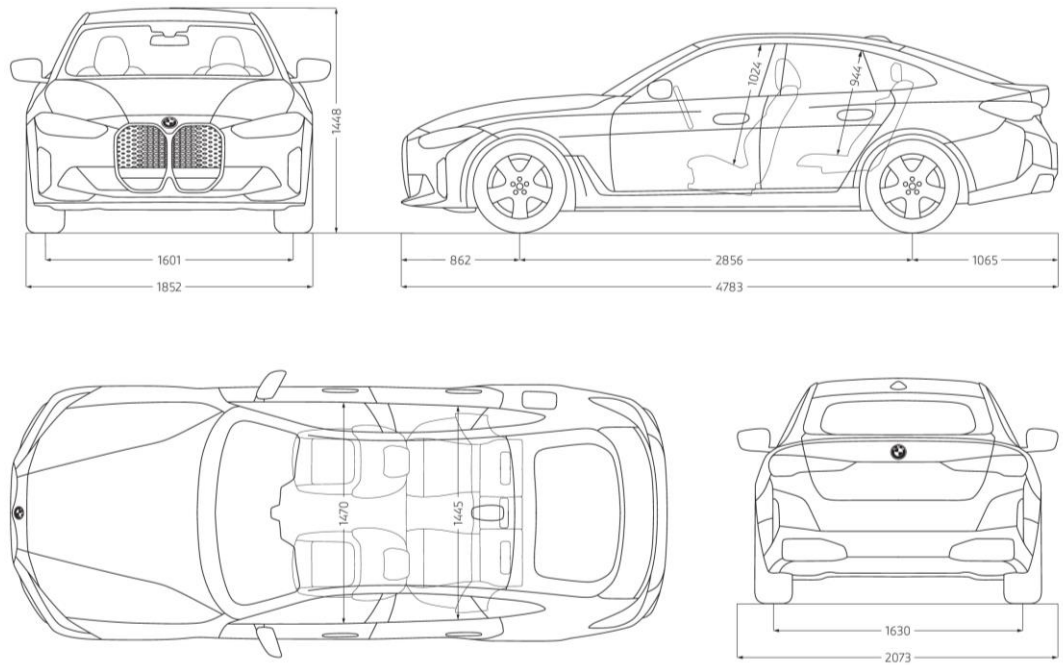
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Exterior and interior dimensions.

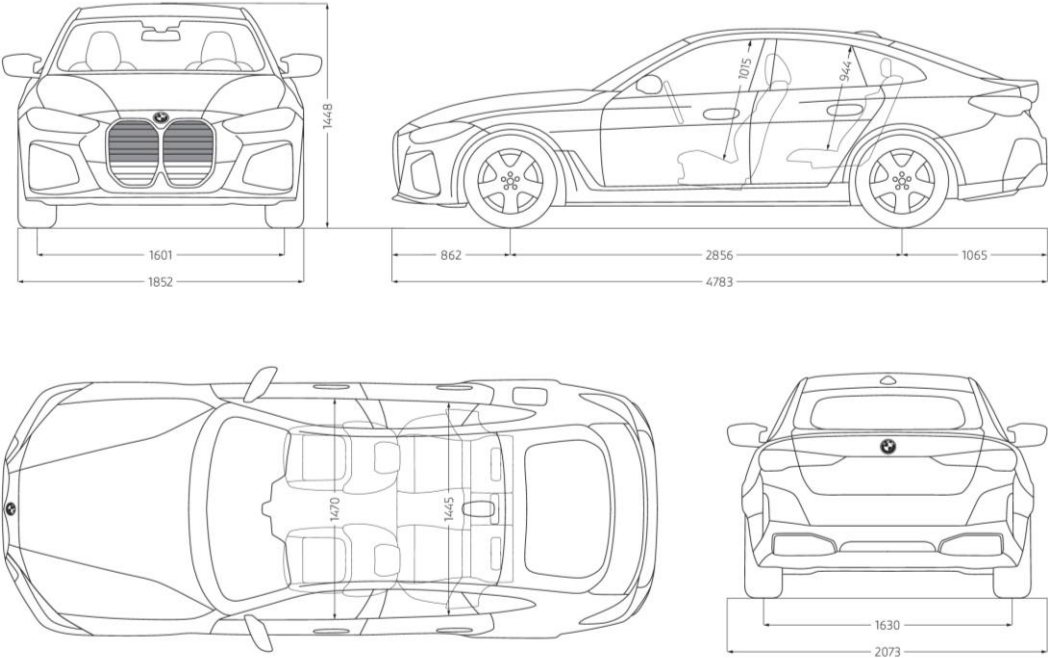
BMW i4.

i4 eDrive35, i4 eDrive40. i4 xDrive40.



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

BMW i4. i4 M50 xDrive.



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