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# 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,	Kg	110371330
braked (12%)/unbraked	kg	1600 / 750
Max. roofload/towbar	kg	75 / 75
download	ĸy	73773
Luggage comp. capacity	1	470 – 1290
Air resistance	C <sub>x</sub> x A	0.24 x 2.31
All resistance	L <sub>X</sub> X A	0.24 X 2.5 I
Power Unit		
Drive concept		Electric drive, transmission of the electric motor's
2		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	Kg/KW	Automatic transmission, single-speed with fixed ratio
Type of dansingsion		, totomatic transmission, single specia mannica 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
deal ratio		11.113
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	KVVII	7 h at 11 kW (AC, Wallbox, 16 A / 380 V / 3-phase)
Charging time, 10 – 80 %		32 min at 180 kW init. (DC, fast-charging station)
charge		32 militut 180 kw mit. (DC, rust-charging station)
Additional range after 10 minutes of		
DC charging (max. charging rate)	km	144
= c carging (maxi charging race)	Kill	
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
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		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
3 - 11 - 1, -, - 1		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	11.11.11.00.1	10 ( 15 1
(WLTP combined)	kWh/100 km	18.6 – 15.1
CO <sub>2</sub> emissions (WLTP combined)	g/km	0
CO <sub>2</sub> class		A
Range (WLTP combined)	km	406 – 500
Energy consumption	kWh/100km	22.5
(WLTP extra high, $\sim$ cruise contro	1	
130km/h)		F1 . 1 . 1 . 1
Emission rating		Electric vehicle

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### 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		470 – 1290
Air resistance	c <sub>x</sub> 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:
Protor teermology		electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for
555555		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		230.5
	Ah	210.6
		210.6 83.9
Energy capacity, gross	kWh	83.9
Energy capacity, gross Energy capacity, net		83.9 81.3
Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge	kWh	83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase)
Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 %	kWh	83.9 81.3
Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge	kWh	83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase)
Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of	kWh	83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase)
Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of DC charging (max. charging rate)	kWh kWh	83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at 205 kW init. (DC, fast-charging station)
Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of DC charging (max. charging rate)  Charging Unit	kWh kWh	83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at 205 kW init. (DC, fast-charging station)
Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of DC charging (max. charging rate)  Charging Unit	kWh kWh	83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at 205 kW init. (DC, fast-charging station)  154  Combined Charging Unit (CCU) with built-in 4 kW voltage
Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of DC charging (max. charging rate)  Charging Unit Type	kWh kWh	83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at 205 kW init. (DC, fast-charging station)  154  Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12 V electrical system
Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of	kWh kWh	83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at 205 kW init. (DC, fast-charging station)  154  Combined Charging Unit (CCU) with built-in 4 kW voltage

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			BMW i4 eDrive40
Driving Dynami	cs and Safety		
Suspension, fro	nt		Double-joint spring strut axle in lightweight aluminium-steel
			construction, hydraulically damped torque strut bearing
Suspension, rea	ır		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 equipme	nt		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, o		:1	15.5
Tyres, front/rea			225/55 R17 101Y XL
Rims, front/rear			7.5J x 17 light-alloy
Performance	0.1001#		5.7
Acceleration	0–100 km/h	S (1-	<u></u>
Top speed		km/h	190 (electronically limited)
Environmental			
Energy consump	ption		
(WLTP combine		kWh/100 km	18.6 – 15.4
CO <sub>2</sub> emissions (	WLTP combined)	g/km	0
CO <sub>2</sub> class(es)			A
Range (WLTP co	ombined)	km	491 – 600
Energy consum	ption (WLTP extra	kWh/100km	22.4
high, ~ cruise co	ontrol 130km/h)		
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	kg	75 / 75
download		
Luggage comp. capacity		470 – 1290
Air resistance	c <sub>x</sub> x A	0.24 x 2.31
Power Unit		
Power Unit		Electric drive coordinated transmission of the drive bases of
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		
		Fifth-generation BMW eDrive technology:
Motor technology		5.5
Motor technology		electrically excited synchronous motor, power electronics and
Motor technology  Front Electric Motor	k\W/hn	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy
Motor technology  Front Electric Motor  Peak output to ECE R 85	kW/hp	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258
Motor technology  Front Electric Motor  Peak output to ECE R 85 at	rpm	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258  8000 – 17000
Motor technology  Front Electric Motor  Peak output to ECE R 85 at  Max. torque	rpm Nm	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258  8000 – 17000  330
Motor technology  Front Electric Motor  Peak output to ECE R 85 at  Max. torque at	rpm Nm rpm	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258  8000 – 17000  330 0 – 5000
Motor technology  Front Electric Motor  Peak output to ECE R 85 at  Max. torque at  Gear ratio	rpm Nm	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258  8000 – 17000  330
Motor technology  Front Electric Motor  Peak output to ECE R 85 at  Max. torque at Gear ratio  Rear Electric Motor	rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85	rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at	rpm Nm rpm :1 kW/hp	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque	rpm Nm rpm :1 kW/hp rpm Nm	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque	rpm Nm rpm :1 kW/hp	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque	rpm Nm rpm :1 kW/hp rpm Nm rpm	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000
Front Electric Motor  Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor  Peak output to ECE R 85 at Max. torque	rpm Nm rpm :1 kW/hp rpm Nm rpm	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery	rpm Nm rpm :1 kW/hp rpm Nm rpm	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology	rpm Nm rpm :1 kW/hp rpm Nm rpm	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology	rpm Nm rpm :1 kW/hp rpm Nm rpm	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor 398.5
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Peak output to ECE R 85 at Max. torque at Gear ratio Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Bear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase)
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase)
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of DC charging (max. charging rate)	rpm Nm rpm :1  kW/hp rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at 205 kW init. (DC, fast-charging station)
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of DC charging (max. charging rate) Charging Unit	rpm Nm rpm :1  kW/hp rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at 205 kW init. (DC, fast-charging station)
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of DC charging (max. charging rate) Charging Unit Type	rpm Nm rpm :1  kW/hp rpm Nm rpm :1  V Ah kWh kWh	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at 205 kW init. (DC, fast-charging station)  149  Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12 V electrical system
Front Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of DC charging (max. charging rate) Charging Unit	rpm Nm rpm :1  kW/hp rpm Nm rpm :1	electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy  190 / 258 8000 – 17000 330 0 – 5000 8.774  230 / 313 8000 – 17000 400 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at 205 kW init. (DC, fast-charging station)  149  Combined Charging Unit (CCU) with built-in 4 kW voltage

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		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
3 , ,		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	9	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 <sub>2</sub> emissions (WLTP combined)	g/km	0
CO <sub>2</sub> class(es)	y/KIII	
Range (WLTP combined)	km	459 – 546
Energy consumption (WLTP extra		23.3
high, ~ cruise control 130km/h)	KVVII/ TUUKIII	23.3
Emission ratina		Electric vehicle
LITHISSIUTTUUTIY		Electric veriicie

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## 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 2215 / 2290
Weight, unladen (DIN/EU) Max. load to DIN	kg ka	520
Max. permissible weight	kg kg	2735
Max. axle load, front/rear	kg kg	1270 / 1550
Max. trailer load,	ку	127071330
braked (12%)/unbraked	kg	1600/750
Max. roofload/towbar	kg	75 / 75
download	,	
Luggage comp. capacity	I	470 – 1290
Air resistance	c <sub>×</sub> 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
Front Electric Motor		electrically excited synchronous motor, power electronics and transmission sharing the same housing, generator function for recuperating energy
Dook output to ECE D Q5	k\\//hn	100 / 250
Peak output to ECE R 85	kW/hp	190 / 258 8000 – 17000
at	rpm	8000 – 17000
	rpm Nm	8000 – 17000 365
at Max. torque	rpm	8000 – 17000
at Max. torque at	rpm Nm rpm	8000 – 17000 365 0 – 5000
at Max. torque at Gear ratio	rpm Nm rpm	8000 - 17000 365 0 - 5000 8.774
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at	rpm Nm rpm :1	8000 - 17000 365 0 - 5000 8.774 230 / 313 8000 - 17000
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque	rpm Nm rpm :1 kW/hp rpm Nm	8000 - 17000 365 0 - 5000 8.774 230 / 313 8000 - 17000 430
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at	rpm Nm rpm :1 kW/hp rpm Nm rpm	8000 - 17000 365 0 - 5000 8.774 230 / 313 8000 - 17000 430 0 - 5000
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque	rpm Nm rpm :1 kW/hp rpm Nm	8000 - 17000 365 0 - 5000 8.774 230 / 313 8000 - 17000 430
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery	rpm Nm rpm :1 kW/hp rpm Nm rpm	8000 - 17000 365 0 - 5000 8.774 230 / 313 8000 - 17000 430 0 - 5000 9.374
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology	rpm Nm rpm :1 kW/hp rpm Nm rpm	8000 - 17000 365 0 - 5000 8.774  230 / 313 8000 - 17000 430 0 - 5000 9.374  Lithium-ion
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	8000 – 17000 365 0 – 5000 8.774  230 / 313 8000 – 17000 430 0 – 5000 9.374  Lithium-ion Underfloor
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	8000 – 17000  365 0 – 5000 8.774  230 / 313 8000 – 17000 430 0 – 5000 9.374  Lithium-ion Underfloor 398.5
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	8000 – 17000  365 0 – 5000 8.774  230 / 313 8000 – 17000 430 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio  High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	8000 – 17000  365 0 – 5000 8.774  230 / 313 8000 – 17000 430 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio  High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	8000 – 17000  365 0 – 5000 8.774  230 / 313 8000 – 17000 430 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio  High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	8000 – 17000  365 0 – 5000 8.774  230 / 313 8000 – 17000 430 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio  High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 %	rpm Nm rpm :1 kW/hp rpm Nm rpm :1	8000 – 17000  365 0 – 5000 8.774  230 / 313 8000 – 17000 430 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase)
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio  High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of DC charging (max. charging rate)	rpm Nm rpm :1  kW/hp rpm Nm rpm :1	8000 – 17000  365 0 – 5000 8.774  230 / 313 8000 – 17000 430 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at initial 205 kW (DC, fast-charging station)
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio  High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of	rpm Nm rpm :1  kW/hp rpm Nm rpm :1	8000 – 17000  365 0 – 5000 8.774  230 / 313 8000 – 17000 430 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at initial 205 kW (DC, fast-charging station)  135  Combined Charging Unit (CCU) with built-in 4 kW voltage
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio  High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of DC charging (max. charging rate)  Charging Unit	rpm Nm rpm :1  kW/hp rpm Nm rpm :1	8000 – 17000  365 0 – 5000 8.774  230 / 313 8000 – 17000 430 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at initial 205 kW (DC, fast-charging station)
at Max. torque at Gear ratio Rear Electric Motor Peak output to ECE R 85 at Max. torque at Gear ratio  High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Additional range after 10 minutes of DC charging (max. charging rate)  Charging Unit Type	rpm Nm rpm :1  kW/hp rpm Nm rpm :1  V Ah kWh kWh	8000 – 17000  365 0 – 5000 8.774  230 / 313 8000 – 17000 430 0 – 5000 9.374  Lithium-ion Underfloor 398.5 210.6 83.9 81.3 8.5 h at 11 kW (AC, Wallbox, 16 A / 380 V / three-phase) 30 min at initial 205 kW (DC, fast-charging station)  135  Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12 V electrical system

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		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
J . ,		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 <sub>2</sub> emissions (WLTP combined)	g/km	0
CO <sub>2</sub> class(es)	y/KIII	
Range (WLTP combined)	km	416 – 520
Energy consumption (WLTP extra		25.7
high, ~ cruise control 130km/h)	KVVII/ TUUKIII	۷.7
Emission rating		Electric vehicle
LITHISSION FULLING		Electric verificie

**BMW** 

Media information

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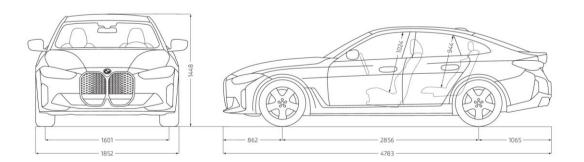
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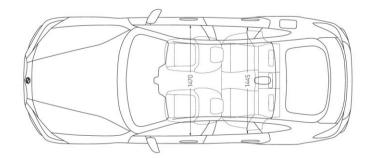
#### Exterior and interior dimensions.

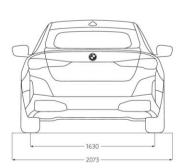
BMW i4. i4 eDrive35, i4 eDrive40. i4 xDrive40.











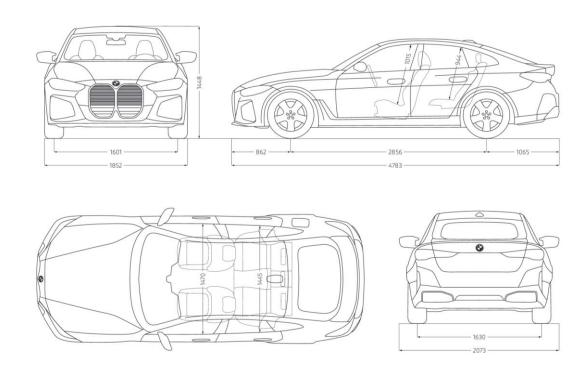
The dimensions indicated in the technical drawing are in millimetres and may vary depending on the model and the items of optional equipment fitted.

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### 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.