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## Technical specifications. BMW i4.



	BMW i4 eDrive40		
<b>Vehicle Category</b> 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	
Ground clearance (unladen)	mm	125	
Turning circle	m	12.5	
Weight, unladen (DIN/EU)	kg	2050 / 2125	
Weight distribution (unladen),	% / %	45.1 / 54.9	
front/rear			
Max. load to DIN	kg	555	
Max. permissible weight	kg	2605	
Max. axle load, front/rear	kg	1140 / 1550	
Max. trailer load,			
braked (12%)/unbraked	kg	1600 / 750	
Max. roofload/towbar	kg	75 / 75	
download			
Luggage comp. capacity	I	470 – 1290	
Air resistance	c <sub>X</sub> x A	0.24 x 2.31	
Power Unit			
Drive concept	E	lectric 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	
Max. recuperation output	kW	116	
Type of transmission		Automatic transmission, single-speed with fixed ratio	
Electric Motor			
Motor technology		Fifth-generation BMW eDrive technology:	
Hotor technology		electrically excited synchronous motor, power electronics and	
		ingle-speed transmission sharing the same housing, generator	
		function for recuperating energy	
Peak output to ECE R 85	kW/hp	250 / 340	
at	rpm	8.000-17.000	
	rpm kW/hp	8.000-17.000 xx / xx	
Continuous output to ECE R 85	kW/hp	xx / xx	
Continuous output to ECE R 85 Max. torque	kW/hp Nm	xx / xx 430	
Continuous output to ECE R 85 Max. torque at	kW/hp	xx / xx 430 0-5.000	
Continuous output to ECE R 85 Max. torque at	kW/hp Nm rpm	xx / xx 430	
Continuous output to ECE R 85 Max. torque at Gear ratio	kW/hp Nm rpm	xx / xx 430 0-5.000	
Continuous output to ECE R 85 Max. torque at Gear ratio <b>High-voltage Battery</b>	kW/hp Nm rpm	xx / xx 430 0-5.000 8.774	
Continuous output to ECE R 85 Max. torque at Gear ratio High-voltage Battery Storage technology	kW/hp Nm rpm	xx / xx 430 0-5.000 8.774 Lithium-ion	
Continuous output to ECE R 85 Max. torque at Gear ratio <b>High-voltage Battery</b> Storage technology Installation	kW/hp Nm rpm	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor	
Continuous output to ECE R 85 Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5	
Continuous output to ECE R 85 Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6	
Continuous output to ECE R 85 Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5	
Continuous output to ECE R 85 Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7	
Continuous output to ECE R 85 Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 %	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9	
Continuous output to ECE R 85 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	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7	
Continuous output to ECE R 85 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 %	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7 < 8.5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox)	
Continuous output to ECE R 85 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 %	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7 < 8.5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox)	
Continuous output to ECE R 85 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	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7 < 8.5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 31 min at 210 kW initially (DC, fast-charging station)	
Continuous output to ECE R 85 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	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7 < 8.5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 31 min at 210 kW initially (DC, fast-charging station) Combined Charging Unit (CCU) with built-in 4 kW voltage	
Continuous output to ECE R 85 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 Charging Unit Type	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7 < 8.5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 31 min at 210 kW initially (DC, fast-charging station)	
Continuous output to ECE R 85 Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Charging Unit Type Max. charging rate	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7 < 8.5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 31 min at 210 kW initially (DC, fast-charging station) Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12V electrical system	
at Continuous output to ECE R 85 Max. torque at Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity, gross Energy capacity, gross Energy capacity, net Charging time, 0 – 100 % charge Charging time, 10 – 80 % charge Charging Unit Type Max. charging rate AC, single-phase	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7 < 8.5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 31 min at 210 kW initially (DC, fast-charging station) Combined Charging Unit (CCU) with built-in 4 kW voltage	
Continuous output to ECE R 85 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 Charging Unit Type Max. charging rate AC, single-phase Max. charging rate	kW/hp Nm rpm :1 V Ah kWh kWh kWh	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7 < 8.5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 31 min at 210 kW initially (DC, fast-charging station) Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12V electrical system 7.4	
Continuous output to ECE R 85 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 Charging time, 10 – 80 % charge Max. charging rate AC, single-phase Max. charging rate AC, three-phase	kW/hp Nm rpm :1	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7 < 8.5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 31 min at 210 kW initially (DC, fast-charging station) Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12V electrical system	
Continuous output to ECE R 85 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 Charging Unit Type Max. charging rate AC, single-phase Max. charging rate	kW/hp Nm rpm :1 V Ah kWh kWh kWh	xx / xx 430 0-5.000 8.774 Lithium-ion Underfloor 398.5 210.6 83.9 80.7 < 8.5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 31 min at 210 kW initially (DC, fast-charging station) Combined Charging Unit (CCU) with built-in 4 kW voltage transformer for supplying power to the 12V electrical system 7.4	

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			BMW i4 eDrive40	
Driving Dynan	nics and Safety			
Suspension, fr		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; optional: 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, drive-off assistant, HDC (Hill Descent Control), trailer stability control, Performance Control; optional: adaptive M suspension		
Safety equipm	ent	Standard: airbags for driver and front passenger, side airbags for driver an front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator		
Steering			Electric Power Steering (EPS)	
2		with S	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	
Acceleration	0–60 km/h	S	XX	
Acceleration	80–120 km/h	S	XX	
Top speed		km/h	190 (electronically limited)	
Electric Poweı Range	r Consumption /			
Electric power consumption combined (WLTP)		kWh/100 km	20 – 16	
Range (WLTP)		km	up to 590	
Environmenta	l Characteristics			
Emission rating			Electric vehicle	
Carbon Life Cy	cle Assessment w	hen		
,	wer in the use pho			
compared to BMW xxxxxxx			-xx %	
	cle Assessment w	hen		
, using EU28 po	wer mix in the use	phase		
compared to BMW xxxxxx		-	-xx %	

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

Official fuel consumption,  $CO_2$  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  $CO_2$  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/wiltp.

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-Scharnhausen and at https://www.dat.de/co2/.

**BMW** Media Information

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	BMW i4 M50		
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	1589 / 1606	
Ground clearance (unladen)	mm	125	
Turning circle	m	12.5	
Weight, unladen (DIN/EU) Weight distribution (unladen),	kg %/%	2215 / 2290 48.1 / 51.9	
front/rear	90790	48.17 51.9	
Max. load to DIN	kg	520	
Max. permissible weight	kg	2735	
Max. axle load, front/rear	kg	1270 / 1550	
Max. trailer load,	ĸy	12/07 1550	
braked (12%)/unbraked	kg	1600 / 750	
Max. roofload/towbar	kg	75 / 75	
download			
Luggage comp. capacity	I	470 – 1290	
Air resistance	c <sub>X</sub> x A	0.25 x 2.33	
Power Unit			
Drive concept	Electric drive, coordinated on-demand transmission of the driv torque from two electric motors to front and rear wheels respectively		
Max. system output	kW/hp	400 / 544	
Max. system torque	Nm	795	
System power-to-weight ratio	kg/kW	6.3	
Max. recuperation output	kW	195	
Type of transmission	Αι	Itomatic transmission, single-speed with fixed ratio	
Electric Motors			
Motor technology	h	Fifth-generation BMW eDrive technology: ally excited synchronous motors each sharing the sam busing with the power electronics and single-speed ismission, generator function for recuperating energy	
Front electric motor		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Peak output to ECE R 85	kW/hp	190 / 258	
at	rpm	8.000-17.000	
Continuous output to ECE R 85	kW/hp	xx / xx	
Max. torque	Nm	XXX	
at	rpm	0-5.000	
Gear ratios	:1	х.ууу	
Rear electric motor			
Peak output to ECE R 85	kW/hp	230 / 313	
at	rpm	8.000-17.000	
Continuous output to ECE R 85	kW/hp	хх / уу	
Max. torque	Nm		
		XXX	
	rpm	0-5.000	
	rpm :1		
Gear ratio		0-5.000	
Gear ratio High-voltage Battery		0-5.000	
Gear ratio <b>High-voltage Battery</b> Storage technology		0-5.000 х.ууу	
Gear ratio <b>High-voltage Battery</b> Storage technology Installation		0-5.000 x.yyy Lithium-ion	
Gear ratio <b>High-voltage Battery</b> Storage technology Installation Voltage	:1	0-5.000 x.yyy Lithium-ion Underfloor	
Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross	:1 V	0-5.000 x.yyy Lithium-ion Underfloor 398.5	
Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross	:1 V Ah kWh kWh	0-5.000 x.yyy Lithium-ion Underfloor 398.5 210.6 83.9 80.7	
Gear ratio High-voltage Battery Storage technology Installation Voltage Battery capacity Energy capacity, gross Energy capacity, net Charging time, 0 – 100 %	:1 V Ah kWh kWh	0-5.000 x.yyy Lithium-ion Underfloor 398.5 210.6 83.9	
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 %	.1 .1 	0-5.000 x.yyy Lithium-ion Underfloor 398.5 210.6 83.9 80.7	
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	.1 .1 	0-5.000 x.yyy Lithium-ion Underfloor 398.5 210.6 83.9 80.7 .5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox)	
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 Charging Unit	:1 V Ah kWh kWh 3 Con	0-5.000 x.yyy Lithium-ion Underfloor 398.5 210.6 83.9 80.7 .5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 1 min at 210 kW initially (DC, fast-charging station) hbined Charging Unit (CCU) with built-in 4 kW voltage	
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 Charging Unit Type Max. charging rate AC, single-phase	I V Ah kWh kWh S S Con trans	0-5.000 x.yyy Lithium-ion Underfloor 398.5 210.6 83.9 80.7 .5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 1 min at 210 kW initially (DC, fast-charging station) 1 min at 210 kW initially (DC, fast-charging station) mbined Charging Unit (CCU) with built-in 4 kW voltage former for supplying power to the 12V electrical system	
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 Charging Unit Type Max. charging rate AC, single-phase Max. charging rate	il V Ah kWh kWh < 8 3 Con trans kW	0-5.000 x.yyy Lithium-ion Underfloor 398.5 210.6 83.9 80.7 .5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 1 min at 210 kW initially (DC, fast-charging station) 1 min at 210 kW initially (DC, fast-charging station) abined Charging Unit (CCU) with built-in 4 kW voltage former for supplying power to the 12V electrical system 7.4	
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 Charging Unit Type	I V Ah kWh kWh S S Con trans	0-5.000 x.yyy Lithium-ion Underfloor 398.5 210.6 83.9 80.7 .5 h at 11 kW (16 A / 380 V, three-phase AC, Wallbox) 1 min at 210 kW initially (DC, fast-charging station) 1 min at 210 kW initially (DC, fast-charging station) mbined Charging Unit (CCU) with built-in 4 kW voltage former for supplying power to the 12V electrical system	

			BMW i4 M50		
Drivina Dvnar	nics and Safety				
Suspension, fr		Double-joint sp	pring strut axle in lightweight aluminium-steel construction,		
		hydraulically damped torque strut bearing			
Suspension, rear		Five-link axle in lightweight aluminium-steel construction; optional: air			
			suspension with automatic self-levelling		
Brakes, front		Ver	Vented disc brakes, with four-piston fixed callipers		
Brakes, rear		Vente	Vented disc brakes, with single-piston floating callipers		
Driving stability systems		Standard: DSC	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), ARB		
-			technology (near-actuator wheel slip limitation), CBC (Cornering Brake		
		Control), DB	C (Dynamic Brake Control), Dry Braking function, fading		
			on, drive-off assistant, HDC (Hill Descent Control), trailer		
		stability (	control, Performance Control, adaptive M suspension		
Safety equipm	ient	Standard: airba	gs for driver and front passenger, side airbags for driver and		
		front passenge	r, head airbags for front and rear seats, three-point inertia-		
		reel seatbelts o	on all seats with belt latch tensioner and belt force limiter in		
		th	e front, crash sensors, tyre pressure indicator		
Steering			Electric Power Steering (EPS),		
			variable sport steering with Servotronic function		
Steering ratio,		:1	14.1		
Tyres, front/re			245/45 R18 100Y XL / 255/45 R18 103Y XL		
Rims, front/red	ar		8.5J x 18 light-alloy / 9J x 18 light-alloy		
Performance					
Acceleration	0–100 km/h	S	3.9		
Acceleration	0–60 km/h	S	XX		
Acceleration	80–120 km/h	S	XX		
Top speed		km/h	225 (electronically limited)		
	-				
Electric Powe Range	r Consumption /				
Electric power	consumption	kWh/100 km	24 - 19		
combined (WL			27 13		
Range (WLTP)		km	up to 510		
	)				
Environmenta	l Characteristics				
Emission rating			Electric vehicle		
Carbon Life Cy	cle Assessment w	hen			
using green power in the use phase					
compared to E			-xx %		
	cle Assessment w				
	ower mix in the use	e phase			
compared to BMW xxxxxx			-xx %		

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