Specifications. BMW X5. X5 xDrive40i.



		BMW X5 xDrive40i
Body		
No of doors/seats		5/5
Length/width/height (unladen)	mm	4922 / 2004 / 1745
Wheelbase	mm	2975
Track, front/rear	mm	1666 / 1685
Turning circle	m	12.6
Fuel tank capacity	approx. I	83
Engine oil 1)	1	6.5
Weight, unladen, to DIN/EU	kg	2100/2175
Max load to DIN	kg	740
Max permissible weight	kg	2840
Max axle load, front/rear	kg	1320 / 1670
Vax trailer load,	kg	
praked (12%)/unbraked		3500 / 750
Vlax roofload/max towbar		
download	kg	100 / 140
Luggage comp capacity		650 – 1870
Air resistance	c _d x A	0.32 x 2.90
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision
Engine teernology		Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		Min. RON 91
Max output	kW/hp	245/333
at	rpm	5500 - 6250
Max torque	Nm	450
at	rpm	1600 – 4800
48V mild hybrid technology		
output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safe	tv	
Suspension, front	2	Double-wishbone axle in aluminium construction; optional: air suspension with
		automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with
		automatic self-levelling
Brakes, front		Single-piston fixed-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes, vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Broke Control), DBC (Dynamic Broke Control), DBC (Broking function
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, DSC networked with xDrive
		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent
		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: Adaptive M suspension, active roll
		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: Adaptive M suspension, active roll stabilisation, M Sport differential
Safety equipment		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: Adaptive M suspension, active roll stabilisation, M Sport differential Standard: airbags for driver and front passenger, side airbags for driver and front
Safety equipment		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: Adaptive M suspension, active roll stabilisation, M Sport differential 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
Safety equipment		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: Adaptive M suspension, active roll stabilisation, M Sport differential 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
		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: Adaptive M suspension, active roll stabilisation, M Sport differential 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
		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: Adaptive M suspension, active roll stabilisation, M Sport differential 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 Electric Power Steering (EPS);
Steering	ţ	all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: Adaptive M suspension, active roll stabilisation, M Sport differential 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 Electric Power Steering (EPS); optional: Integral Active Steering
Steering Steering ratio, overall		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: Adaptive M suspension, active roll stabilisation, M Sport differential 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 Electric Power Steering 18.7
Safety equipment Steering Steering ratio, overall Tyres, front/rear Rims, front/rear	ţ	all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive suspension; optional: Adaptive M suspension, active roll stabilisation, M Sport differential 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 Electric Power Steering (EPS); optional: Integral Active Steering

		BMW X5 xDrive40i
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios	1 :1	5.250
	□ .1 Ⅱ :1	3.360
	<u> </u>	2.172
	IV :1	1.720
	V :1	1.316
	V .1 VI :1	1.000
	VI .1	0.822
	VIII :1	0.822
Et al al de la	R :1	3.712
Final drive	:1	3.385
Performance		
Power-to-weight ratio (DIN)	kg/kW	8.6
Output per litre	kW/I	81.7
Acceleration 0–100 km	ı/h s	5.7
Top speed	km/h	243
Off-road characteristics		
Angle of approach/departure		25.2/22.3
Breakover angle	0	20.2
Ground clearance when unl	aden mm	214
Fording depth (at 7 km/h)	mm	500
BMW EfficientDynamics		
BMW EfficientDynamics		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard features		with recuperation display, Auto Start Stop function,
		ECO PRO and COMFORT mode with coasting function, Proactive Driving
		Assistant, Optimum Shift Indicator, Electric Power Steering,
		BMW EfficientLightweight, optimised aerodynamic attributes, active air flap
		control, on-demand operation of ancillary units, map-regulated oil pump,
		efficiency-optimised all-wheel drive, differential with optimised warm-up
		behaviour, tyres with reduced rolling resistance
Fuel Consumption ECE		
Urban (NEDC)	l/100 km	10.1 – 9.5
Extra-urban (NEDC)	l/100 km	7.4 – 6.7
Combined (NEDC)	l/100 km	8.4 – 7.7
Combined (WLTP)	l/100 km	10.7 – 8.9
CO ₂ (NEDC)	g/km	192 – 176
CO ₂ (WLTP)	g/km	244 – 204
Emission rating	<u> </u>	Euro 6d

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

¹⁾ Oil change

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.



		BMW X5 M50i
Body		
No of doors/seats		5/5
Length/width/height (unladen)) mm	4922 / 2004 / 1745
Wheelbase	mm	2975
Track, front/rear	mm	1680 / 1688
Turning circle	m	12.6
Fuel tank capacity	approx. I	83
Engine oil 1)	1	10.5
Weight, unladen, to DIN/EU	kg	2260 / 2335
Max load to DIN	kg	735
Max permissible weight	kg	2995
Max axle load, front/rear	kg	1430 / 1645
Max trailer load,	kg	64011005
braked (12%)/unbraked	ĸġ	3500 / 750
Max roofload/max towbar		53007730
	ka	100/140
download	kg I	100 / 140
Luggage comp capacity		650 - 1870
Air resistance	c _d x A	0.35 x 2.90
Power Unit		
Config/No of cyls/valves		V/8/4
Engine technology		BMW TwinPower Turbo technology: two TwinScroll turbochargers,
		High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing
Effective capacity	CC	4395
Stroke/bore	mm	88.3 / 89.0
Compression ratio	:1	10.5
Fuel		Min. RON 91
Max output	kW/hp	390 / 530
at	rpm	5500 - 6000
Max torque	Nm	750
at	rpm	1800 – 4600
Electrical System		
Battery/installation	Ah/–	80 / luggage compartment
Driving Dynamics and Caf		
Driving Dynamics and Safe Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with
		automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with
Ded as facel		automatic self-levelling
Brakes, front		Four piston fixed-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes, vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, DSC networked with xDrive
		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive M suspension; optional: active roll stabilisation, M Sport differential
Safety equipment		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive M suspension; optional: active roll stabilisation,
Safety equipment		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive M suspension; optional: active roll stabilisation, <u>M Sport differential</u> Standard: airbags for driver and front passenger, side airbags for driver and front assenger, 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 Electric Power Steering (EPS);
		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive M suspension; optional: active roll stabilisation, <u>M Sport differential</u> Standard: airbags for driver and front passenger, side airbags for driver and front assenger, 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	p	all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive M suspension; optional: active roll stabilisation, M Sport differential Standard: airbags for driver and front passenger, side airbags for driver and front assenger, 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 Electric Power Steering (EPS); optional: Integral Active Steering 18.7 275/40 R21 107Y XL/
Steering Steering ratio, overall	p	all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Adaptive M suspension; optional: active roll stabilisation, M Sport differential Standard: airbags for driver and front passenger, side airbags for driver and front assenger, 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 Electric Power Steering (EPS); optional: Integral Active Steering 18.7

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		BMW X5 M50i
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	:1	5.500
	:1	3.520
	:1	2.200
IV	:1	1.720
V	:1	1.317
VI	:1	1.000
VI	:1	0.823
VI	ll :1	0.640
R	:1	3.993
Final drive	:1	3.154
Performance		
Power-to-weight ratio (DIN)	kg/kW	5.8
Output per litre	kW/I	88.7
Acceleration 0–100 km/h	S	4.3
Top speed	km/h	250
Off-road characteristics		
Angle of approach/departure	0	25.2/22.3
Breakover angle	0	20.2
Ground clearance when unlade	en mm	214
Fording depth (at 7 km/h)	mm	500
BMW EfficientDynamics		
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features		(EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO and

COMFORT mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel Consumption ECE

	_		
Urban (NEDC)	l/100 km	14.8 – 14.4	
Extra-urban (NEDC)	l/100 km	8.8 - 8.5	
Combined (NEDC)	l/100 km	10.9 – 10.5	
Combined (WLTP)	l/100 km	12.3 – 11.5	
CO ₂ (NEDC)	g/km	251 – 242	
CO ₂ (WLTP)	g/km	281 – 263	
Emission rating		Euro 6d	

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

1) Oil change

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

BMW X5. X5 xDrive45e.

		BMW X5 xDrive45e
De de		
Body No of doors/seats		5/5
Length/width/height (unladen)	mm	4922 / 2004 / 1745
Wheelbase	mm	2975
Track, front/rear	mm	1678 / 1698
Turning circle	m	12.6
-uel tank capacity	approx. I	69
Engine oil 1)	1	6.5
Weight, unladen, to DIN/EU	kg	2435 / 2510
Max load to DIN	kg	715
Vlax permissible weight	kg	3150
Vlax axle load, front/rear	kg	1390 / 1810
Vlax trailer load,		
praked (12%)/unbraked	kg	2700 / 750
Max roofload/max towbar download	kg	100 / 140
_uggage comp capacity		500 - 1720
Air resistance	c _d x A	0,32 x 2,90
Power Unit		
Drive concept		Full-hybrid drive, drive torque from engine or electric motor or
·		both transmitted to all four wheels via BMW xDrive
Vax system output	kW/hp	290 / 394
Max system torque	Nm	600
System power-to-weight ratio (DIN)	kg/kW	8.4
- · · · ·		
Petrol Engine Config/No of cyls/valves		In-line / 6 / 4
Engine technology	F	BMW TwinPower Turbo technology: TwinScroll turbocharger, High
		ecision Injection, VALVETRONIC fully variable valve timing, Double
		VANOS variable camshaft timing
Effective capacity	СС	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min. RON 91
Max output	kW/hp	210/286
at	rpm	5000 - 6000
Max torque	Nm	450
at	rpm	1600 – 3500
Output per litre	kW/l	70.1
Electric Motor Motor technology	B	BMW eDrive technology: synchronous electric motor integrated into
Notor technology	D	eight-speed Steptronic transmission, generator function for
		recuperating energy for the high-voltage battery
Max output	kW/hp	83 / 113
at	rpm	3170
Vax torque	Nm	265
at	rpm	100 - 2500
Rade conditions Distances		
		Lithium-ion / underneath rear seats
Storage technology/installation		
Storage technology/installation Voltage	V	354
Storage technology/installation Voltage Energy capacity (gross / net)	V kWh	354 24.0 / 22.3
Storage technology/installation Voltage Energy capacity (gross / net)	•	354
Storage technology/installation Voltage Energy capacity (gross / net) Charging time for 100% charge	•	354 24.0 / 22.3
Storage technology/installation /oltage Energy capacity (gross / net) Charging time for 100% charge Transmission	•	354 24.0 / 22.3 7.1 h at 3.7 kW (16 A / 230 V)
Storage technology/installation Voltage Energy capacity (gross / net) Charging time for 100% charge Transmission Type of transmission	kWh	354 24.0 / 22.3 7.1 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission
Storage technology/installation Voltage Energy capacity (gross / net) Charging time for 100% charge Transmission Type of transmission Gear ratios I	kWh	354 24.0 / 22.3 7.1 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714
Storage technology/installation Voltage Energy capacity (gross / net) Charging time for 100% charge Transmission Type of transmission Gear ratios I II	kWh :1	354 24.0 / 22.3 7.1 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143
Storage technology/installation Voltage Energy capacity (gross / net) Charging time for 100% charge Transmission Type of transmission Gear ratios I II	kWh :1 :1 :1	354 24.0 / 22.3 7.1 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143 2.106
Storage technology/installation Voltage Energy capacity (gross / net) Charging time for 100% charge Transmission Type of transmission Gear ratios I II	kWh :1 :1 :1 :1	354 24.0 / 22.3 7.1 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143 2.106 1.667
Storage technology/installation Voltage Energy capacity (gross / net) Charging time for 100% charge Transmission Type of transmission Gear ratios I II III	kWh :1 :1 :1	354 24.0 / 22.3 7.1 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143 2.106
Storage technology/installation Voltage Energy capacity (gross / net) Charging time for 100% charge Transmission Type of transmission Gear ratios II III IV V	kWh :1 :1 :1 :1 :1 :1	354 24.0 / 22.3 7.1 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143 2.106 1.667 1.285
II II IV V VI	kWh :1 :1 :1 :1 :1 :1 :1	354 24.0 / 22.3 7.1 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143 2.106 1.667 1.285 1.000 0.839
Storage technology/installation Voltage Energy capacity (gross / net) Charging time for 100% charge Transmission Type of transmission Gear ratios I II III IV V V VI	kWh :1 :1 :1 :1 :1 :1 :1 :1	354 24.0 / 22.3 7.1 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143 2.106 1.667 1.285 1.000

		BMW X5 xDrive45e
Driving Dynamics and Safety		
Suspension, front	Double-wish	oone axle in aluminium construction, air suspension
Suspension, none	Double-wishie	with automatic self-levelling
Suspension, rear	Five-link	axle in lightweight steel construction, air suspension
		with automatic self-levelling
Brakes, front	S	ingle-piston fixed-calliper disc brakes, vented
Brakes, rear	Sir	ngle-piston floating-calliper disc brakes, vented
Driving stability systems	Standard: DSC incl.	ABS and DTC (Dynamic Traction Control), CBC (Cornering
	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
	0 1	nsation, Start-Off Assistant, DSC networked with xDrive
	all-wheel-drive sys	stem, ADB-X (Active Differential Brake), HDC (Hill Descent
		Control), Adaptive suspension
Safety equipment	•	r driver and front passenger, side airbags for driver and front
		ags for front and rear seats, three-point inertia-reel seatbelt
	on all seats with belt	stopper, belt latch tensioner and belt force limiter in the from
-		crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS);
o		optional: Integral Active Steering
Steering ratio, overall	:1	18.7
Tyres, front/rear		265/50 R19 110W XL
Rims, front/rear		9J x 19 light-alloy
Performance		
Acceleration 0–100 km/h	S	5.6
Top speed	km/h	235
Top speed (electric)	km/h	135
Electric range (WLTP)	km	77 – 88
011		
Off-road characteristics Angle of approach/departure	0	25.2/22.3
Breakover angle	0	20.2
v		214
Ground clearance when unladen Fording depth (at 7 km/h)	mm	500
	111111	500
BMW EfficientDynamics		
BMW EfficientDynamics standard		e technology, Electric Power Steering, hybrid-specific Auto
features		nction, Optimum Shift Indicator, ECO PRO and COMFORT
		e with coasting function, Proactive Driving Assistant,
		ntLightweight, optimised aerodynamic attributes, active air
		, on-demand operation of ancillary units, map-regulated oil
	1 17	ctric a/c compressor, efficiency-optimised all-wheel drive,
	differential w	ith optimised warm-up behaviour, tyres with reduced rolling resistance
		IESISLAILE
Consumption ECE		
Fuel consumption.	1400	04.40
weighted combined (NEDC)	l/100 km	2.1 – 1.6
Fuel consumption.	1/100	47.40
weighted combined (WLTP)	l/100 km	1.7 – 1.2
CO ₂ emissions from fuel (NEDC)	g/km	47 - 37
CO ₂ emissions from fuel (WLTP)	g/km	39 - 27
Electric power consumption		
weighted combined (NEDC)	kWh/100 km	25.2 – 23.5
Electric power consumption		07.7 04.0
weighted combined (WLTP) Emission rating	kWh/100 km	27.7 - 24.3
		Euro 6d

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

¹⁾ Oil change

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

BMW X5. X5 xDrive25d.

		BMW X5 xDrive25d
Body		
No of doors/seats		5/5
Length/width/height (unladen)	mm	4922 / 2004 / 1745
Wheelbase	mm	2975
Track, front/rear	mm	1666 / 1685
Turning circle	m	12.6
Fuel tank capacity	approx. I	80
Engine oil 1)		5.5
Weight, unladen, to DIN/EU	kg	2070 / 2145
Max load to DIN	kg	750
Max permissible weight	kg	2820
Max axle load, front/rear	kg	1285 / 1610
Max trailer load.	kg	
braked (12%)/unbraked	Ng	2700 / 750
Max roofload/max towbar		21001130
	ka	100/140
download	kg	100 / 140
Luggage comp capacity		650 - 1870
Air resistance	c _d x A	0.31 x 2.90
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	CC	1995
Stroke/bore		90.0 / 84.0
	mm	
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	170/231
at	rpm	4400
Max torque	Nm	450
at	rpm	1500 – 3000
Electrical System		
Battery/installation	Ah/-	90 / luggage compartment
Datterymistaliation	<u> </u>	50 huggage compartment
Driving Dynamics and Safe	ety	
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with
		automatic self-levelling
Brakes, front		Single-piston fixed-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes, vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Addition And Active Differential Brake), HDC (Hill Descent Control), Addition And Active Differential Brake), HDC (Hill Descent Control), Addition Active Differential Brake), HDC (Hill Descent Control), Canada Control, Addition Addition, Addition
Cafato and in model		Control), Adaptive suspension; 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 stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS);
		optional: Integral Active Steering
Steering ratio, overall	:1	18.7
Tyres, front/rear		255/55 R18 109W XL
Rims, front/rear		8.5J x 18 light-alloy

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			BMW X5 xDrive25d
Transmission			
Type of transmission			Eight-speed Steptronic transmission
Gear ratios		:1	5.250
	11	:1	3.360
		:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	3.385
Performance Power-to-weight ratio (DIN Output per litre	l) k	g/kW kW/l	12.2 85.2
Acceleration 0–100 kr	n/h	S	7.5
Top speed		km/h	222
Off-road characteristics	5		
Angle of approach/departu	re	0	25.2 / 22.3
Breakover angle		0	20.2
Ground clearance when ur	nladen	mm	214
Fording depth (at 7 km/h)		mm	500
BMW EfficientDynamic	s		
BMW EfficientDynamics		Br	rake Energy Regeneration with recuperation display, Electric Power Steering
standard features			(EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO and DMFORT mode with coasting function, BMW EfficientLightweight, optimise and magning attributor, active air flap control, on demand approximation of applied

(EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter

Fuel Consumption EC	E		
Urban (NEDC)	l/100 km	6.5 - 6.0	
Extra-urban (NEDC)	l/100 km	6.0 - 5.3	
Combined (NEDC)	l/100 km	6.2 – 5.6	
Combined (WLTP)	l/100 km	8.3 – 7.0	
CO ₂ (NEDC)	g/km	163 – 147	
CO ₂ (WLTP)	g/km	217 – 184	
Emission rating		Euro 6d	

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

¹⁾ Oil change

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

BMW X5. X5 xDrive30d.

		BMW X5 xDrive30d
Body		
No of doors/seats		5/5
Length/width/height (unladen)		4922 / 2004 / 1745
	mm	
Wheelbase	mm	2975
Track, front/rear	mm	1666 / 1685
Turning circle	m	12.6
Fuel tank capacity	approx. I	80
Engine oil 1)		7.0
Weight, unladen, to DIN/EU	kg	2190/2265
Max load to DIN	kg	750
Max permissible weight	kg	2940
Max axle load, front/rear	kg	1375 / 1665
Max trailer load,		
braked (12%)/unbraked	kg	3500 / 750
Max roofload/max towbar		
download	kg	100 / 140
Luggage comp capacity	ĭ	650 – 1870
Air resistance	c _d x A	0.32 x 2.90
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging,
Engine teermology		low-pressure turbocharger with variable inlet geometry, common-rail direct
		injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	CC	2993
Stroke/bore		90.0 / 84.0
	mm .1	
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	210/286
at	rpm	4000
Max torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology		
output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
Driving Dynamics and Safe	ty	
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with
		automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with
		automatic self-levelling
Brakes, front		Single-piston fixed-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes, vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
() = () = () = () = () = () = ()		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, DSC networked with xDrive
		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent
		Control), Adaptive suspension; optional: Adaptive M suspension, active roll
		stabilisation, M Sport differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front
		bassenger, head airbags for front and rear seats, three-point inertia-reel seatbelt
	ŀ	on all seats with belt stopper, belt latch tensioner and belt force limiter in the
		front, crash sensors, tyre pressure indicator
Stooring		
Steering		Electric Power Steering (EPS);
Oto original metion of the little	~	optional: Integral Active Steering
Steering ratio, overall	:1	18.7
Tyres, front/rear		255/55 R18 109W XL
Rims, front/rear		8.5J x 18 light-alloy

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		BMW X5 xDrive30d
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios	:1	5.500
	:1	3.520
	:1	2.200
IV IV	:1	1.720
V	:1	1.317
VI	:1	1.000
VI	:1	0.823
VI		0.640
R	:1	3.993
Final drive	:1	2.929
Performance		
Power-to-weight ratio (DIN)	kg/kW	10.4
Output per litre	kW/l	70.2
Acceleration 0–100 km/h	S	6.1
Top speed	km/h	235
Off-road characteristics		
Angle of approach/departure	0	25.2 / 22.3
Breakover angle	0	20.2
Ground clearance when unlade	en mm	214
Fording depth (at 7 km/h)	mm	500
BMW EfficientDynamics		
BMW EfficientDynamics standard features		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratio with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump,

		behaviour, tyres with reduced rolling resistance, BMW Blue Performance
		technology with SCR catalytic converter
Fuel Consumption ECE		
Urban (NEDC)	l/100 km	7.3 – 6.7
Extra-urban (NEDC)	l/100 km	5.6 – 5.1
Combined (NEDC)	l/100 km	6.2 – 5.7
Combined (WLTP)	l/100 km	8.0 - 6.6
CO ₂ (NEDC)	g/km	164 – 150
CO ₂ (WLTP)	g/km	210 – 173
Emission rating		Euro 6d

efficiency-optimised all-wheel drive, differential with optimised warm-up

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

¹⁾ Oil change

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

BMW X5. X5 xDrive40d.

		BMW X5 xDrive40d
Body		
No of doors/seats		5/5
Length/width/height (unladen)	mm	4922 / 2004 / 1745
Wheelbase	mm	2975
Track, front/rear	mm	1666 / 1685
Turning circle	m	12,6
Fuel tank capacity	approx. I	80
Engine oil 1)	1	7.0
Weight, unladen, to DIN/EU	kg	2200 / 2275
Max load to DIN	kg	740
Max permissible weight	-	2940
	kg	
Max axle load, front/rear Max trailer load.	kg	1375 / 1635
,	ka	3500 / 350
braked (12%)/unbraked	kg	3500 / 750
Max roofload/max towbar		100/1140
download	kg	100/140
Luggage comp capacity	<u> </u>	650 - 1870
Air resistance	c _d x A	0.31 x 2.90
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging,
Engine teennelogy		high- and low-pressure turbocharger with variable inlet geometry, common-rail
		direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel	. 1	Diesel
	L\\//bp	250 / 340
Max output	kW/hp	
at May targue	rpm	4400 700
Max torque	Nm	
at	rpm	1750 – 2250
48V mild hybrid technology	kW/hp	0/11
output	κννπρ	8/11
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
Driving Dynamics and Safe	ty	
Suspension, front		Double-wishbone axle in aluminium construction; optional: air suspension with
		automatic self-levelling
Suspension, rear		Five-link axle in lightweight steel construction; optional: air suspension with
Deduce for t		automatic self-levelling
Brakes, front		Single-piston fixed-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes, vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, DSC networked with xDrive
		all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent
		Control), Adaptive suspension; optional: Adaptive M suspension, active roll
		stabilisation, M Sport differential
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 seatbelt
		on all seats with belt stopper, belt latch tensioner and belt force limiter in the
<u>.</u>		front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS);
-		optional: Integral Active Steering
Steering ratio, overall	:1	18.7
Tyres, front/rear Rims, front/rear		255/55 R18 109W XL

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			BMW X5 xDrive40d
Transmission			
Type of transmi	ission		Eight-speed Steptronic transmission
Gear ratios		:1	5.500
		:1	3.520
		:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	3.077
Performance			
Power-to-weigh	nt ratio (DIN)	kg/kW	8.8
Output per litre		kW/I	83.5
Acceleration	0–100 km/h	S	5.5
Top speed		km/h	245
Off-road char	acteristics		
Angle of approa	ach/departure	0	25.2/22.3
Breakover angle	Э	0	20.2
Ground clearan	ce when unladen	mm	214
Fording depth (at 7 km/h)	mm	500
BMW Efficien	tDynamics		
			Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratio
standard features			with recuperation display, Auto Start Stop function,
			ECO PRO and COMFORT mode with coasting function, Proactive Driving
			Assistant, Optimum Shift Indicator, Electric Power Steering,
			BMW EfficientLightweight, optimised aerodynamic attributes, active air flap
			control, on-demand operation of ancillary units, map-regulated oil pump,

		behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
		technology with Solit catalytic converter
Fuel Consumption ECE		
Urban (NEDC)	l/100 km	7.7 – 7.0
Extra-urban (NEDC)	l/100 km	5.8 - 5.3
Combined (NEDC)	l/100 km	6.5 – 5.9
Combined (WLTP)	l/100 km	8.1 - 6.9
CO ₂ (NEDC)	g/km	172 – 156
CO ₂ (WLTP)	g/km	213 – 180
Emission rating		Euro 6d

efficiency-optimised all-wheel drive, differential with optimised warm-up

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

¹⁾ Oil change

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.