BMW Media information

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Technical specifications. BMW X3.

X3 30e xDrive.



		BMW X3 30e xDrive
Body		5/5
No. of doors / seats Length/width/height (unladen)	mm	4755 / 1920 / 1660
Wheelbase	mm	2865
Track, front/rear	mm	1614 / 1659
Turning circle	m	12.2
Fuel tank capacity	approx. l	50
Engine oil 1)		5.25
Weight, unladen, to DIN/EU	kg	2065 / 2140
Max. load to DIN	kg	645
Max. permissible weight	kg	2710
Max. axle load, front/rear	kg	1195 / 1590
Max. trailer load,		2000 (750
praked (12%)/unbraked	kg	2000 / 750
Max. roofload/towbar download	kg I	100 / 100
_uggage comp. capacity Air resistance	-	460 – 1600 0.27 x 2.66
Air resisturice	c _x x A	0.27 X 2.00
Power Unit		
Drive concept		Full hybrid drive, drive torque from one or both units transmitted to all four wheels via BMW xDrive
Max. system output ²⁾	kW/hp	220 / 299
Max. system torque ²⁾	Nm	450
System power-to-weight ratio (DIN)	kg/kW	9.4
Petrol Engine		
Config./No. of cyls./valves		In-line / 4 / 4
Engine technology	BM	W TwinPower Turbo technology: TwinScroll turbocharger
		gh Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	CC	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.6
Fuel		Min. RON 91
Max. output	kW/hp	140 / 190
at	rpm	4400 - 6500
Max. torque	Nm	310
at Output per litre	rpm kW/l	<u> </u>
		, , , , , , , , , , , , , , , , , , , ,
Electric Motor		
Motor technology		I eDrive technology: synchronous electric motor integrate eight-speed Steptronic transmission, generator function
	Into	
Max output		for recuperating energy for the high-voltage battery
	kW/hp	for recuperating energy for the high-voltage battery 135 / 184
at	kW/hp rpm	for recuperating energy for the high-voltage battery 135 / 184 7000
at Max. torque	kW/hp rpm Nm	for recuperating energy for the high-voltage battery 135 / 184 7000 250
at Max. torque at	kW/hp rpm	for recuperating energy for the high-voltage battery 135 / 184 7000
at Max. torque at Effective torque resulting from pre-gearing	kW/hp rpm Nm rpm	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 – 5500
at Max. torque at Effective torque resulting from pre-gearing High-voltage Battery	kW/hp rpm Nm rpm	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 – 5500 400
at Max. torque at Effective torque resulting from pre-gearing High-voltage Battery Storage technology / installation	kW/hp rpm Nm rpm Nm	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 – 5500 400 Lithium-ion / underneath rear seats
at Max. torque at Effective torque resulting from pre-gearing High-voltage Battery Storage technology / installation Voltage	kW/hp rpm Nm rpm Nm	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 – 5500 400 Lithium-ion / underneath rear seats 392
at Max. torque at Effective torque resulting from pre-gearing High-voltage Battery Storage technology / installation Voltage Energy capacity (net)	kW/hp rpm Nm rpm Nm	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 – 5500 400 Lithium-ion / underneath rear seats 392 19.7
at Max. torque at Effective torque resulting from pre-gearing High-voltage Battery Storage technology / installation Voltage Energy capacity (net)	kW/hp rpm Nm rpm Nm	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 – 5500 400 Lithium-ion / underneath rear seats 392
at Max. torque At Effective torque resulting from pre-gearing High-voltage Battery Storage technology / installation Voltage Energy capacity (net) Charging time, 0-100% charge Transmission	kW/hp rpm Nm rpm Nm	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 – 5500 400 Lithium-ion / underneath rear seats 392 19.7 2h 15m at 11.0 kW (16 A / 230 V)
at Max. torque Stream of the second s	kW/hp rpm Nm rpm Nm V kWh	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 – 5500 400 Lithium-ion / underneath rear seats 392 19.7 2h 15m at 11.0 kW (16 A / 230 V) Eight-speed Steptronic transmission
at Max. torque At Effective torque resulting from pre-gearing High-voltage Battery Storage technology / installation /oltage Energy capacity (net) Charging time, 0-100% charge Fransmission Type of transmission Gear ratios	kW/hp rpm Nm rpm Nm V kWh	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 – 5500 400 Lithium-ion / underneath rear seats 392 19.7 2h 15m at 11.0 kW (16 A / 230 V) Eight-speed Steptronic transmission 5.500
at Max. torque At Effective torque resulting from pre-gearing High-voltage Battery Storage technology / installation Voltage Energy capacity (net) Charging time, 0-100% charge Fransmission Type of transmission Gear ratios I II	kW/hp rpm Nm rpm Nm V kWh :1 :1	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 - 5500 400 Lithium-ion / underneath rear seats 392 19.7 2h 15m at 11.0 kW (16 A / 230 V) Eight-speed Steptronic transmission 5.500 3.520
at Max. torque Max. torque Tigh-voltage Battery Storage technology / installation Voltage Energy capacity (net) Charging time, 0-100% charge Transmission Type of transmission Gear ratios I II III III	kW/hp rpm Nm rpm Nm V kWh :1 :1 :1	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 - 5500 400 Lithium-ion / underneath rear seats 392 19.7 2h 15m at 11.0 kW (16 A / 230 V) Eight-speed Steptronic transmission 5.500 3.520 2.200
at Max. torque at Effective torque resulting from pre-gearing High-voltage Battery Storage technology / installation Voltage Energy capacity (net) Charging time, 0-100% charge Transmission Type of transmission Gear ratios I II III IV	kW/hp rpm Nm rpm Nm V kWh :1 :1 :1 :1	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 - 5500 400 Lithium-ion / underneath rear seats 392 19.7 2h 15m at 11.0 kW (16 A / 230 V) Eight-speed Steptronic transmission 5.500 3.520 2.200 1.720
at Max. torque Max. torque At Max. torque At	kW/hp rpm Nm rpm Nm V kWh :1 :1 :1 :1 :1	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 - 5500 400 Lithium-ion / underneath rear seats 392 19.7 2h 15m at 11.0 kW (16 A / 230 V) Eight-speed Steptronic transmission 5.500 3.520 2.200 1.720 1.301
at Max. torque Max. torque At Max. torque At	kW/hp rpm Nm rpm Nm v kWh :1 :1 :1 :1 :1	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 - 5500 400 Lithium-ion / underneath rear seats 392 19.7 2h 15m at 11.0 kW (16 A / 230 V) Eight-speed Steptronic transmission 5.500 3.520 2.200 1.720 1.301 1.000
at Max. torque Max. torque at Max. torque at Effective torque resulting from pre-gearing High-voltage Battery Storage technology / installation Voltage Energy capacity (net) Charging time, 0-100% charge Transmission Type of transmission Gear ratios I II III IV V V V VI VI VI	kW/hp rpm Nm rpm Nm V kWh :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1	for recuperating energy for the high-voltage battery 135 / 184 7000 250 100 - 5500 400 Lithium-ion / underneath rear seats 392 Lithium-ion / underneath rear seats 392 19.7 2h 15m at 11.0 kW (16 A / 230 V) Eight-speed Steptronic transmission 5.500 3.520 2.200 1.720 1.301 1.000 0.833
 V V V	kW/hp rpm Nm rpm Nm v kWh :1 :1 :1 :1 :1	for recuperating energy for the high-voltage battery 135 / 184 7000 250 400 400 Lithium-ion / underneath rear seats 392 19.7 2h 15m at 11.0 kW (16 A / 230 V) Eight-speed Steptronic transmission 5.500 3.520 2.200 1.720 1.301 1.000

		BMW X3 30e xDrive
Driving Dynamics and Safety		
Suspension, front	Double-joint spring	g strut axle in lightweight aluminium construction
Suspension, rear		lightweight aluminium-steel construction, dual elastic bearing
Brakes, front	Vented di	isc brakes, with single-piston floating callipers
Brakes, rear	Vented di	isc brakes, with single-piston floating callipers
Driving stability systems	(Cornering Brake C Control, Dry Braking xDrive all-wheel-d	cl. ABS and DTC (Dynamic Traction Control), CBC ontrol), DBC (Dynamic Brake Control), Performance function, Fading Compensation, Start-Off Assistant, rive system networked with DSC; optional: M Sport suspension, adaptive suspension
Safety equipment	front passenger, int head airbags front ar belt force limiters in t	driver and front passenger, side airbags for driver and eraction airbag between driver and front passenger, nd rear, three-point inertia-reel seatbelts on all seats, the front, belt tensioners in the front and on the outer ts, crash sensors, tyre pressure indicator
Steering	Elec	tric Power Steering (EPS) with Servotronic function; optional: sport steering
Steering ratio, overall	:1	15.7
Tyres, front/rear		245/50 R19 105Y XL
Rims, front/rear		8.5J x 19 light-alloy
Off-road Characteristics		
Angle of approach/departure	0	20.8 / 21.9
Breakover angle	0	18.8
Ground clearance (unladen)	mm	208
Performance		
Acceleration 0–100 km/h	S	6.2
Top speed	km/h	215
Top speed (electric)	km/h	140
Electric range (WLTP)	km	81 – 90
BMW EfficientDynamics		
BMW EfficientDynamics standard features	Automatic Start/S mode, co BMW EfficientLigh flap control, on-de pump, electric a/	chnology, Electric Power Steering, hybrid-specific top function, Optimum Shift Indicator in manual shift asting function, Proactive Driving Assistant, tweight, optimised aerodynamic attributes, active air mand operation of ancillary units, map-regulated oil 'c compressor, efficiency-optimised all-wheel drive, timised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption ECE		
Fuel consump. weighted comb. (WL		1.1 – 0.9
CO ₂ emissions from fuel (WLTP)	g/km	26 – 21
Elec. power cons. weighted comb. (WLTP)	kWh/100 km	24.0 – 22.3
Fuel consump. with battery empty (WLTP)	l/100 km	7.9 – 7.2
Emission rating		Euro 6e
CO ₂ class(es) weighted comb.		В
CO ₂ class(es) with battery empty		G – F

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) All figures relating to performance, fuel/electric power consumption and emissions are provisional.

¹⁾ Oil change

²⁾ Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

BMW X3. X3 20 xDrive.

		BMW X3 20 xDrive	
Body			
No. of doors / seats		5/5	
_ength/width/height (unladen)	mm	4755 / 1920 / 1660	
Wheelbase	mm	2865	
Frack, front/rear	mm	1636 / 1681	
Furning circle	m	12.2	
Fuel tank capacity	approx. l	65	
Engine oil 1)		5.25	
Veight, unladen, to DIN/EU		1855 / 1930	
Meight, unidden, to Diff/EO	kg		
	kg	645	
1ax. permissible weight	kg	2500	
lax. axle load, front/rear	kg	1160 / 1430	
Max. trailer load	L .	2/00/750	
praked (12%)/unbraked	kg	2400 / 750	
Max. roofload/towbar download	kg	100 / 100	
_uggage comp. capacity		570 – 1700	
Air resistance	cx x A	0.27 x 2.66	
Power Unit Engine technology		ower Turbo technology: turbocharger, High Precision	
	Injection, VAL	VETRONIC fully variable valve timiger, night reclasion naft timing, 48V mild hybrid technology using an electri motor integrated into the transmission	
Max. output, overall ²⁾	kW/hp	153 / 208	
Max. torque, overall ²⁾	Nm	330	
		550	
Combustion Engine			
Config./No. of cyls./valves		In-line / 4 / 4	
Effective capacity	СС	1998	
Stroke/bore	mm	94.6 / 82.0	
Compression ratio	:1	11.6	
Fuel		Min. RON 91	
Nominal power	kW/hp	140 / 190	
	· · · · · ·	4400 – 6500	
at	rpm		
Nominal torque	Nm	310	
at Destruction and litera	rpm	1500 - 4000	
Output per litre	kW/I	70.1	
Electric Motor			
Nominal power	kW/hp	13 / 18	
Nominal torque	Nm	200	
		200	
Electrical System			
12V battery/installation	Ah/-	70 / engine compartment	
48V battery/installation	Ah/-	20 / luggage compartment	
lov battery/installation		207 loggage compartment	
Driving Dynamics and Safety			
Suspension, front	Double-ioint s	pring strut axle in lightweight aluminium construction	
· · ·		k axle in lightweight aluminium-steel construction, du	
Suspension, rear			
Suspension, rear	elastic bearing		
	Von		
Brakes, front		ted disc brakes, with single-piston floating callipers	
Brakes, front Brakes, rear	Ven	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers	
Brakes, front Brakes, rear	Ven Standard: DS(ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC	
Brakes, front Brakes, rear	Ven Standard: DS0 (Cornering Brak	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc	
Brakes, front Brakes, rear	Ven Standard: DS((Cornering Brak Control, Dry Brak	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ing function, Fading Compensation, Start-Off Assista	
Brakes, front Brakes, rear	Ven Standard: DS((Cornering Brak Control, Dry Brak	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ing function, Fading Compensation, Start-Off Assista el-drive system networked with DSC; optional: M Spor	
Brakes, front Brakes, rear Driving stability systems	Ven Standard: DS((Cornering Brak Control, Dry Brak xDrive all-whee	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ing function, Fading Compensation, Start-Off Assista el-drive system networked with DSC; optional: M Spor suspension, adaptive suspension	
Brakes, front Brakes, rear Driving stability systems	Ven Standard: DS((Cornering Brak Control, Dry Brak xDrive all-whee Standard: airbo	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ing function, Fading Compensation, Start-Off Assista el-drive system networked with DSC; optional: M Spor suspension, adaptive suspension ugs for driver and front passenger, side airbags for drive	
Brakes, front Brakes, rear Driving stability systems	Ven Standard: DSG (Cornering Brak Control, Dry Brak xDrive all-whee Standard: airbo and front po	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ting function, Fading Compensation, Start-Off Assista el-drive system networked with DSC; optional: M Spor suspension, adaptive suspension types for driver and front passenger, side airbags for drive assenger, interaction airbag between driver and front	
Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment	Ven Standard: DSG (Cornering Brak Control, Dry Brak xDrive all-whee Standard: airbo and front po passenger,	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ing function, Fading Compensation, Start-Off Assista el-drive system networked with DSC; optional: M Spor suspension, adaptive suspension gs for driver and front passenger, side airbags for driv issenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel	
Brakes, front Brakes, rear Driving stability systems	Ven Standard: DSG (Cornering Brak Control, Dry Brak xDrive all-whee Standard: airbo and front po passenger, seatbelts on a	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ing function, Fading Compensation, Start-Off Assista el-drive system networked with DSC; optional: M Spor suspension, adaptive suspension gs for driver and front passenger, side airbags for driv issenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel II seats, belt force limiters in the front, belt tensioners	
Brakes, front Brakes, rear Driving stability systems	Ven Standard: DSG (Cornering Brak Control, Dry Brak xDrive all-whee Standard: airbo and front po passenger, seatbelts on a	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ing function, Fading Compensation, Start-Off Assista el-drive system networked with DSC; optional: M Spor suspension, adaptive suspension rgs for driver and front passenger, side airbags for driv issenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel Il seats, belt force limiters in the front, belt tensioners d on the outer rear seats, crash sensors, tyre pressure	
Brakes, front Brakes, rear Driving stability systems Safety equipment	Ven Standard: DSG (Cornering Brak Control, Dry Brak xDrive all-whee Standard: airbo and front po passenger, seatbelts on a the front and	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ing function, Fading Compensation, Start-Off Assista el-drive system networked with DSC; optional: M Spor suspension, adaptive suspension rgs for driver and front passenger, side airbags for driv assenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel Il seats, belt force limiters in the front, belt tensioners d on the outer rear seats, crash sensors, tyre pressure indicator	
Brakes, front Brakes, rear Driving stability systems Safety equipment	Ven Standard: DSG (Cornering Brak Control, Dry Brak xDrive all-whee Standard: airbo and front po passenger, seatbelts on a the front and	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ing function, Fading Compensation, Start-Off Assista el-drive system networked with DSC; optional: M Spor suspension, adaptive suspension rgs for driver and front passenger, side airbags for drive sesenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel ll seats, belt force limiters in the front, belt tensioners d on the outer rear seats, crash sensors, tyre pressure indicator tric Power Steering (EPS) with Servotronic function;	
Brakes, front Brakes, rear Driving stability systems Safety equipment Steering	Ven Standard: DSG (Cornering Brak Control, Dry Brak xDrive all-whee Standard: airbo and front po passenger, seatbelts on a the front and	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ing function, Fading Compensation, Start-Off Assista el-drive system networked with DSC; optional: M Spor suspension, adaptive suspension rgs for driver and front passenger, side airbags for driv assenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel ll seats, belt force limiters in the front, belt tensioners d on the outer rear seats, crash sensors, tyre pressure indicator tric Power Steering (EPS) with Servotronic function; optional: sport steering	
Brakes, front Brakes, rear Driving stability systems Safety equipment	Ven Standard: DSG (Cornering Brak Control, Dry Brak xDrive all-whee Standard: airbo and front po passenger, seatbelts on a the front and	ted disc brakes, with single-piston floating callipers ted disc brakes, with single-piston floating callipers C incl. ABS and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Performanc ing function, Fading Compensation, Start-Off Assistan el-drive system networked with DSC; optional: M Spor suspension, adaptive suspension rgs for driver and front passenger, side airbags for drive rassenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel ll seats, belt force limiters in the front, belt tensioners d on the outer rear seats, crash sensors, tyre pressure indicator tric Power Steering (EPS) with Servotronic function;	

		BMW X3 20 xDrive		
Transmission				
Type of transmission		Eight-speed Steptronic transmission		
Gear ratios	:1	5.250		
I	: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		
Off-road Characteristics				
Angle of approach/departure	0	20.6 / 22.0		
Breakover angle	0	18.7		
Ground clearance (unladen)	mm	216		
Performance				
Power-to-weight ratio (DIN)	kg/kW	12.1		
Acceleration 0-100 km/h	S	7.8		
Top speed	km/h	215		
BMW EfficientDynamics				
BMW EfficientDynamics	48V mil	d hybrid technology, Brake Energy Regeneration with		
standard features		recuperation display, Automatic Start/Stop function, coasting		
	function,	Proactive Driving Assistant, Optimum Shift Indicator in		
		manual shift mode, Electric Power Steering,		
		entLightweight, optimised aerodynamic attributes, active		
		control, on-demand operation of ancillary units, map-		
		il pump, electric a/c compressor, efficiency-optimised all-		
	wheel driv	wheel drive, differential with optimised warm-up behaviour, tyres		
		with reduced rolling resistance		
Fuel Consumption ECE	1/1001			
Combined (WLTP)	l/100 km	7.6 - 6.9		
CO ₂ (WLTP)	g/km	172 – 156		
Emission rating		Euro 6e F		
CO ₂ class(es)		F		

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) All figures relating to performance, fuel/electric power consumption and emissions are provisional.

¹⁾ Oil change

²⁾ Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

BMW X3. X3 M50 xDrive.

		BMW X3 M50 xDrive	
Body			
No. of doors / seats		5/5	
Length/width/height (unladen)	mm	4755 / 1920 / 1660	
Wheelbase	mm	2865	
Track, front/rear	mm	1622 / 1623	
Turning circle	m	12.2	
Fuel tank capacity	approx. l	65	
Engine oil 1)		6.75	
Weight, unladen, to DIN/EU	kg	1980 / 2055	
Max. load to DIN	kg	645	
Max. permissible weight	kg	2625	
· · ·		1240 / 1465	
Max. axle load, front/rear	kg	12407 1465	
Max. trailer load	1	2500 / 750	
braked (12%)/unbraked	kg	2500 / 750	
Max. roofload/towbar download	kg	100 / 100	
Luggage comp. capacity		570 – 1700	
Air resistance	cx x A	0.28 x 2.66	
Power Unit			
Engine technology	BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing, 48V mild hybrid technology using an electric motor integrated into the transmission		
Max. output, overall 2)	kW/hp	293 / 398	
Max. torque, overall 2)	Nm	580	
Combustion Engine			
Config./No. of cyls./valves		In-line / 6 / 4	
Effective capacity	СС	2998	
Stroke/bore	mm	94.6 / 82.0	
Compression ratio	:1	11.0	
Fuel	•1	Min. RON 91	
	1.1.4//		
Nominal power	kW/hp	280 / 381	
at	rpm	5200 - 6250	
Nominal torque	Nm	540	
at	rpm	1900 – 4800	
Output per litre	kW/I	93.4	
Electric Motor			
Nominal power	k/M/bp	13 / 18	
· ·	kW/hp		
Nominal torque	Nm	200	
Electrical System			
12V battery/installation	Ah/-	70 / engine compartment	
48V battery/installation	Ah/_	20 / luggage compartment	
	AII/-		
Driving Dynamics and Safety			
Suspension, front	Double joint cr	pring strut axle in lightweight aluminium construction,	
Suspension, none	Donnie-Jourt St	Ming structure in ignovergine diaminiani construction, M-specific elastokinematics	
Sugnanalan yaay	Fine line		
Suspension, rear	Five-lin	k axle in lightweight aluminium-steel construction, due	
	elastic bearing, M-specific elastokinematics		
Durling from	.,		
		ented disc brakes, with four-piston fixed callipers	
Brakes, rear	Ven	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers	
Brakes, rear	Ven Standard: DSC	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC	
Brakes, rear	Ven Standard: DSC (Cornering Brake	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance	
Brakes, rear	Ven Standard: DSC (Cornering Brake Control, Dry Brakir	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance ng function, Fading Compensation, Start-Off Assistant	
Brakes, rear	Ven Standard: DSC (Cornering Brake Control, Dry Brakir	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance ng function, Fading Compensation, Start-Off Assistant rive system networked with DSC, M Sport suspension	
Brakes, rear Driving stability systems	Ven Standard: DSC (Cornering Brake Control, Dry Brakir xDrive all-wheel-d	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance ng function, Fading Compensation, Start-Off Assistant rive system networked with DSC, M Sport suspension optional: adaptive M suspension	
Brakes, rear Driving stability systems	Ven Standard: DSC (Cornering Brake Control, Dry Brakir xDrive all-wheel-d Standard: airba	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance ing function, Fading Compensation, Start-Off Assistant rive system networked with DSC, M Sport suspension optional: adaptive M suspension gs for driver and front passenger, side airbags for driv	
Brakes, rear Driving stability systems	Ven Standard: DSC (Cornering Brake Control, Dry Brakir xDrive all-wheel-d Standard: airba and front pa	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance ing function, Fading Compensation, Start-Off Assistant rive system networked with DSC, M Sport suspension optional: adaptive M suspension gs for driver and front passenger, side airbags for driv ssenger, interaction airbag between driver and front	
Brakes, rear Driving stability systems	Ven Standard: DSC (Cornering Brake Control, Dry Brakir xDrive all-wheel-d Standard: airba and front pa passenger,	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance g function, Fading Compensation, Start-Off Assistant rive system networked with DSC, M Sport suspension optional: adaptive M suspension gs for driver and front passenger, side airbags for driv ssenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel	
Brakes, front Brakes, rear Driving stability systems Safety equipment	Ven Standard: DSC (Cornering Brake Control, Dry Brakir xDrive all-wheel-d Standard: airba and front pa passenger,	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance g function, Fading Compensation, Start-Off Assistant rive system networked with DSC, M Sport suspension optional: adaptive M suspension gs for driver and front passenger, side airbags for driv ssenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel	
Brakes, rear Driving stability systems	Ven Standard: DSC (Cornering Brake Control, Dry Brakir xDrive all-wheel-d Standard: airba and front pa passenger, seatbelts on al	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance g function, Fading Compensation, Start-Off Assistani rive system networked with DSC, M Sport suspension optional: adaptive M suspension gs for driver and front passenger, side airbags for driv ssenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel	
Brakes, rear Driving stability systems	Ven Standard: DSC (Cornering Brake Control, Dry Brakir xDrive all-wheel-d Standard: airba and front pa passenger, seatbelts on al	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance g function, Fading Compensation, Start-Off Assistant rive system networked with DSC, M Sport suspension optional: adaptive M suspension gs for driver and front passenger, side airbags for driv ssenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel I seats, belt force limiters in the front, belt tensioners i	
Brakes, rear Driving stability systems Safety equipment	Ven Standard: DSC (Cornering Brake Control, Dry Brakir xDrive all-wheel-d Standard: airba and front pa passenger, seatbelts on al the front and	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance ng function, Fading Compensation, Start-Off Assistant rive system networked with DSC, M Sport suspension optional: adaptive M suspension gs for driver and front passenger, side airbags for driv ssenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel I seats, belt force limiters in the front, belt tensioners i on the outer rear seats, crash sensors, tyre pressure indicator	
Brakes, rear Driving stability systems Safety equipment	Ven Standard: DSC (Cornering Brake Control, Dry Brakir xDrive all-wheel-d Standard: airba and front pa passenger, seatbelts on al the front and	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance ng function, Fading Compensation, Start-Off Assistant rive system networked with DSC, M Sport suspension optional: adaptive M suspension gs for driver and front passenger, side airbags for driv ssenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel I seats, belt force limiters in the front, belt tensioners i on the outer rear seats, crash sensors, tyre pressure indicator	
Brakes, rear Driving stability systems Safety equipment Steering	Ven Standard: DSC (Cornering Brake Control, Dry Brakir xDrive all-wheel-d Standard: airba and front pa passenger, seatbelts on al the front and	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance ng function, Fading Compensation, Start-Off Assistant rive system networked with DSC, M Sport suspension optional: adaptive M suspension gs for driver and front passenger, side airbags for driv ssenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel I seats, belt force limiters in the front, belt tensioners i on the outer rear seats, crash sensors, tyre pressure indicator Power Steering (EPS), sport steering with Servotroni	
Brakes, rear Driving stability systems	Ven Standard: DSC (Cornering Brake Control, Dry Brakir xDrive all-wheel-d Standard: airba and front pa passenger, seatbelts on al the front and Electric	ented disc brakes, with four-piston fixed callipers ted disc brakes, with single-piston floating callipers incl. ABS and DTC (Dynamic Traction Control), CBC Control), DBC (Dynamic Brake Control), Performance ng function, Fading Compensation, Start-Off Assistant rive system networked with DSC, M Sport suspension optional: adaptive M suspension gs for driver and front passenger, side airbags for driv ssenger, interaction airbag between driver and front head airbags front and rear, three-point inertia-reel I seats, belt force limiters in the front, belt tensioners i on the outer rear seats, crash sensors, tyre pressure indicator Power Steering (EPS), sport steering with Servotronic function	

			BMW X3 M50 xDrive	
Transmission				
Type of transmission			Eight-speed Steptronic transmission	
Gear ratios	1	:1	5.250	
	 	:1	3.360	
		:1	2.172	
	IV	:1	1.720	
	V	:1	1.316	
	VI	:1	1.000	
	VI	:1	0.822	
			0.640	
	VIII	:1		
	R	:1	3.712	
Final drive		:1	3.385	
Off-road Characteristic	5			
Angle of approach/depa	rture	0	20.6 / 22.0	
Breakover angle		0	18.7	
Ground clearance (unlac	len)	mm	216	
Performance				
Power-to-weight ratio (I	ואוכ	kg/kW	6.8	
Acceleration 0–100	-	s	4.6	
Top speed		km/h	250	
BMW EfficientDynamics	-			
BMW EfficientDynamics		/8\/ mild	hybrid technology, Brake Energy Regeneration with	
standard features			tion display, Automatic Start/Stop function, coasting	
Standard reactines			Proactive Driving Assistant, Optimum Shift Indicator in	
			manual shift mode, Electric Power Steering,	
			ntLightweight, optimised aerodynamic attributes, active	
		air flap control, on-demand operation of ancillary units, map-		
		regulated oil pump, electric a/c compressor, efficiency-optimised all		
		wheel drive, differential with optimised warm-up behaviour, tyres		
			with reduced rolling resistance	
Fuel Consumption ECE				
Combined (WLTP)		l/100 km	8.3 - 7.7	
		0/km	189 - 175	

Combined (WLTP)	l/100 km	8.3 – 7.7	
CO ₂ (WLTP)	g/km	189 – 175	
Emission rating		Euro 6e	
CO ₂ class(es)		G – F	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) All figures relating to performance, fuel/electric power consumption and emissions are provisional.

¹⁾ Oil change

²⁾ Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

BMW X3. X3 20d xDrive.

		BMW X3 20d xDrive	
Body		E / E	
No. of doors / seats		5/5	
_ength/width/height (unladen)	mm	4755 / 1920 / 1660	
Wheelbase	mm	2865	
Track, front/rear	mm	1636 / 1681	
Furning circle	m	12.2	
Fuel tank capacity	approx. l	60	
Engine oil 1)		5.5	
Neight, unladen, to DIN/EU	kg	1890 / 1965	
Max. load to DIN	kg	645	
Max. permissible weight	kg	2535	
Max. axle load, front/rear	kg	1180 / 1450	
Max. trailer load			
praked (12%)/unbraked	kg	2500 / 750	
Max. roofload/towbar download	kg	100 / 100	
_uggage comp. capacity	<u> </u>	570 – 1700	
Air resistance	cx x A	0.28 x 2.66	
Power Unit			
Engine technology	and low-pr	wer Turbo technology: multi-stage turbocharging, high essure turbochargers with variable intake geometry,	
		direct injection with solenoid injectors (max. injection	
Ann		ssure: 2500 bar), 48V mild hybrid technology	
Max. output, overall ²⁾	kW/hp	145 / 197	
Max. torque, overall ²⁾	Nm	400	
Cambradian Facility			
Combustion Engine			
Config./No. of cyls./valves		In-line / 4 / 4	
Effective capacity	CC	1995	
Stroke/bore	mm	90.0 / 84.0	
Compression ratio	:1	16.5	
Fuel		Diesel	
Nominal power	kW/hp	145 / 197	
at	rpm	4000	
Nominal torque	Nm	400	
at .	rpm	1500 – 2750	
Output per litre	kW/I	72.7	
· ·			
Electric Motor			
Nominal power	kW/hp	8/11	
Nominal torque	Nm	25	
		25	
Electrical System			
12V battery/installation	Ah/-	70 / engine compartment	
48V battery/installation	Ah/_	20 / luggage compartment	
	AII/-	207 loggage compartment	
Driving Dynamics and Safahy			
Driving Dynamics and Safety Suspension, front	Double isists	pring strut avia in lightwoight aluminium construction	
Suspension, rear		pring strut axle in lightweight aluminium construction k axle in lightweight aluminium-steel construction, du	
סטגאפווצוטוו, ופטו	Five-lin		
Deckos front		elastic bearing	
Brakes, front		ted disc brakes, with single-piston floating callipers	
Brakes, rear		ted disc brakes, with single-piston floating callipers	
Driving stability systems		C incl. ABS and DTC (Dynamic Traction Control), CBC	
		e Control), DBC (Dynamic Brake Control), Performanc	
	Control, Dry Braking function, Fading Compensation, Start-Off Assistan		
	xDrive all-wheel-drive system networked with DSC; optional: M Sport		
		suspension, adaptive suspension	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for drive		
	and front passenger, interaction airbag between driver and front		
		head airbags front and rear, three-point inertia-reel	
		ll seats, belt force limiters in the front, belt tensioners	
	the front and	d on the outer rear seats, crash sensors, tyre pressure	
		indicator	
Steering	Elec	tric Power Steering (EPS) with Servotronic function;	
		optional: sport steering	
Steering ratio, overall	:1	15.7	
Tyres, front/rear		225/60 R18 104Y XL	

		BMW X3 20d xDrive		
Transmission				
Type of transmission		Eight-speed Steptronic transmission		
Gear ratios I	:1	5.250		
	: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	3.231		
Off-road Characteristics				
Angle of approach/departure	0	20.6 / 22.0		
Breakover angle	0	18.7		
Ground clearance (unladen)	mm	216		
Performance				
Power-to-weight ratio (DIN)	kg/kW	13.0		
Acceleration 0–100 km/h	S	7.7		
Top speed	km/h	215		
BMW EfficientDynamics				
BMW EfficientDynamics	48V mild hybrid technology, Brake Energy Regeneration with			
standard features	recuperation display, Automatic Start/Stop function, coasting			
	function, Proactive Driving Assistant, Optimum Shift Indicator in			
		anual shift mode, Electric Power Steering,		
	BMW EfficientLightweight, optimised aerodynamic attributes, active			
		air flap control, on-demand operation of ancillary units, map-		
	regulated oil pump, electric a/c compressor, efficiency-optimised all			
		differential with optimised warm-up behaviour, tyres		
	with reduced	rolling resistance, BMW Blue Performance technolog with SCR catalytic converter		

Fuel Consumption ECE			
Combined (WLTP)	l/100 km	6.5 – 5.8	
CO ₂ (WLTP)	g/km	171 – 153	
Emission rating		Euro 6e	
CO ₂ class(es)		F – E	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) All figures relating to performance, fuel/electric power consumption and emissions are provisional.

¹⁾ Oil change

²⁾ Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

Exterior and interior dimensions. BMW X3.

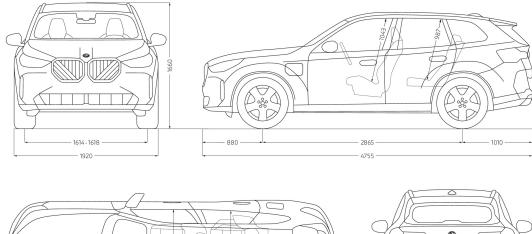
X3 30e xDrive.

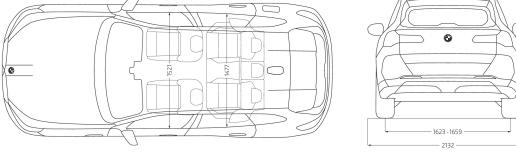
Media information

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BMW



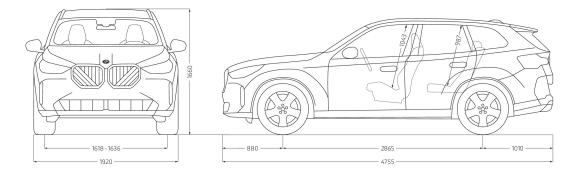


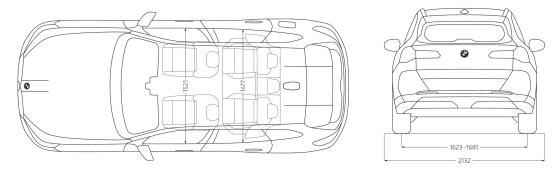


The dimensions indicated in the technical drawing are in millimetres and may vary depending on the model and the items of optional equipment fitted.

BMW Media information

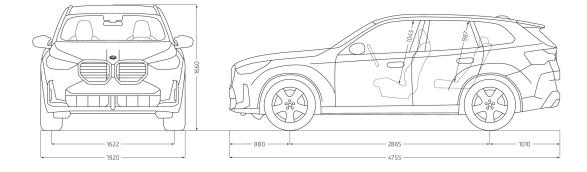
06/2024 Page 10 BMW X3. X3 20 xDrive. X3 20d xDrive.

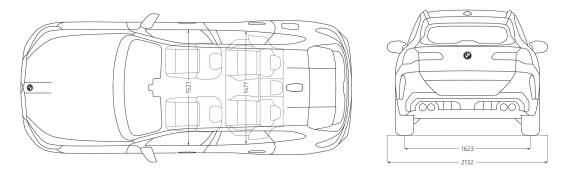




The dimensions indicated in the technical drawing are in millimetres and may vary depending on the model and the items of optional equipment fitted.

BMW X3. X3 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.