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Specifications. The new BMW 7 Series.

745e.



		BMW 745e
Body		
No of doors/seats		4/5
Length/width/height ¹⁾ (unladen)	mm	5120 / 1902 / 1467
Wheelbase	mm	3070
Track, front/rear	mm	1611 / 1640
Ground clearance	mm	135
Turning circle	m	12.3
Fuel tank capacity	approx. I	46
Engine oil 2)		6.5
Weight, unladen, to DIN/EU	kg	1995 / 2070
Max load to DIN	kg	660
Max permissible weight	kg	2655
Max axle load, front/rear	kg	1225 / 1480
Max roofload/max towbar download	kg	100 / -
Luggage comp capacity	<u>J</u>	420
Air resistance	Cd X A	0.27 x 2.41
	00 // //	OLE KEITT
Power Unit		
Drive concept		Full-hybrid drive, drive torque from engine or electric
		motor or both transmitted to the rear wheels
Max system output	kW/hp	290/394
Max system torque	Nm	600
System power-to-weight ratio (DIN)	kg/kW	6.9
Petrol Engine		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve timing, 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	210/286
at	rpm	5000 - 6000
Max torque	Nm	450
at	rpm	1500 – 3500
Output per litre	kW/I	70.0
Electric Motor Motor technology	BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery	
Max output	kW/hp	83 / 113
at	rpm	3170
Max torque	Nm	265
at	rpm	0 - 2700
Recuperation output	kW	20
· · · · · · · · · · · · · · · · · · ·		
High-voltage battery		
Storage technology/installation		Lithium-ion / underneath rear seats
Voltage	V	355
	kWh	12.0
Energy capacity (gross) Charging time for 100% charge	KVVII	4.4 h at 3.7 kW (16 A / 230 V)

		BMW 745e		
Driving Dynamics and Safety				
Suspension, front	Double-w	ishbone axle in aluminium construction with separate lower		
		track arm, small steering roll radius, anti-dive,		
		air suspension with self-levelling		
Quananaian rear	Fixe link of			
Suspension, rear		kle in aluminium construction, steerable, with anti-squat and		
	anti-dive c	ontrol, double acoustic decoupling, air suspension with self		
		levelling		
Brakes, front	N	/ented disc brakes, with four-piston fixed callipers		
Brakes, rear	Ve	nted disc brakes, with single-piston floating callipers		
Driving stability systems		incl. ABS, ASC and DTC (Dynamic Traction Control), CBC		
······g ······	(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking			
	function, Fading Compensation, Start-Off Assistant, Dynamic Damper			
	Tunction, rad	Control		
	01224			
Safety equipment		gs for driver and front passenger, side airbags for driver and		
		er, head airbags for front and rear seats, knee airbag on the		
	driver's side, t	hree-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)		
Joonny				
		Servotronic function, optional: Integral Active Steering		
Steering ratio, overall	:1	16.3		
Tyres, front/rear		245/50 R18 100Y		
Rims, front/rear		8J x 18 light-alloy		
,				
Transmission				
Type of transmission		Eight-speed Steptronic transmission		
Gear ratios I	:1	4.714		
	:1	3.143		
	:1	2.106		
IV	:1	1.667		
V	:1	1.285		
VI	:1	1.000		
VII	:1	0.839		
VIII	:1	0.667		
R	:1	3.317		
Final drive	:1	3.077		
Doutouro				
Performance Acceleration 0–100 km/h	0	5.2		
	S			
Fop speed	km/h	250		
Fop speed (electric)	km/h	140		
Range (electric)	km	54 – 58		
BMW EfficientDynamics				
BMW EfficientDynamics standard		ogy, Electric Power Steering, hybrid-specific Auto Start Sto		
eatures	function, Optimum Shift Indicator, ECO PRO mode with coasting function and			
	Proactive Driving As	sistant, BMW EfficientLightweight, optimised aerodynamic		
	attributes, active ai	r flap control, on-demand operation of ancillary units, map-		
	regulated oil pump	, differential with optimised warm-up behaviour, tyres with		
	· • 9 • · · P • · · · P	reduced rolling resistance		
uel Consumption ECE				
-uel consumption combined	l/100 km	2.3 – 2.1		
CO ₂ emissions from fuel	g/km	52 - 48		
Electric power consumption	kWh/100 km	15.6 – 15.1		
combined		10.0 - 10.1		
: OTTO DEC				
Emission rating		Euro 6d-TEMP		

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

¹⁾ Height including roof fin ²⁾ Oil change

All figures relating to performance, fuel/electric power consumption, CO2 emissions and operating range are provisional.

The fuel consumption, CO₂ emissions, electric power consumption and operating range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are already based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Correct as at: 16.01.2019

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ 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/.

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The new BMW 7 Series. 745Le.

motor or both transmitted to the rear wheels Max system output kW/hp 290 / 394 Max system torque Nm 600 System power-to-weight ratio (DIN) kg/kW 7.0 Petrol Engine Config/No of cyls/valves In-line / 6 / 4 Engine technology BMW TwinPower Turbo technology: TwinScroll turbochar Precision Direct Injection, VALVETRONIC fully variable valv 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 210 / 286 at rpm 5000 – 6000 Max torque Nm 450 at rpm 1500 – 3500 Output per litre kW/l 70.0		BMW 745Le		
No of doors/seets 4 / 5 Length/width/height ¹ /(unladen) mm 5260 / 1902 / 1479 Wheelbase mm 3210 Track, front/rear mm 1611 / 1640 Ground clearance mm 128 Turning circle m 128 Fuel tank capacity approx.1 46 Engine oil ² 1 6.5 Weight, unladen, to DINEU kg 2035 / 2110 Max permissible weight kg 2670 Max permissible weight kg 1245 / 1500 Max permissible weight kg 1245 / 1500 Max permissible weight kg 1245 / 1500 Max permissible weight kg 0.27 x 2.42 Power Unit Dive concept Full-hybrid drive, drive drive form engine or electr motor or both transmitted to the rear wheels Max system output kW/hp 290 / 334 Max system output kW/hp 200 / 344 Max system output kW/hp 200 / 200	D I			
Length/width/height ¹³ (unladen) mm 5260 / 1902 / 1479 Wheelbase mm 3210 Track, front/rear mm 1611 / 1640 Ground clearance mm 135 Turning circle m 12.8 Fuel tank capacity approx.1 46 Engine oll ²⁰ I 6.5 Weight, unladen, to DINEU kg 2035 / 2110 Max load to DIN kg 635 Max ave load, front/rear kg 1245 / 1500 Max system output kW/hp 220 / 394 Drive concept Full-hybrid drive, drive torque from engine or electrir motor or both transmitted to the rear wheels Max system output kW/hp 20 / 394 <td></td> <td></td> <td>A ! E</td>			A ! E	
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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 1500 – 3500 Output per litre kW/l 70.0 Electric Motor Motor technology BMW eDrive technology: synchronous electric motor integ eight-speed Steptronic transmission, generator function recuperating energy for the high-voltage battery Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 – 2700 Recuperation output kW 20 High-voltage battery Storage technology/installation Lithium-ion / underneath rear seats	Engine technology	BMW TwinPower Turbo technology: TwinScroll turbocharger, Hig Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing		
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 1500 – 3500 Output per litre kW/l 70.0 Electric Motor Motor technology BMW eDrive technology: synchronous electric motor integ eight-speed Steptronic transmission, generator functio recuperating energy for the high-voltage battery Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 - 2700 Recuperation output kW 20 High-voltage battery Storage technology/installation	Effective capacity	CC	2998	
Fuel min. RON 91 Max output kW/hp 210 / 286 at rpm 5000 – 6000 Max torque Nm 450 at rpm 1500 – 3500 Output per litre kW/l 70.0 Electric Motor BMW eDrive technology: synchronous electric motor integ eight-speed Steptronic transmission, generator function recuperating energy for the high-voltage battery Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 – 2700 Recuperation output kW 20 High-voltage battery Lithium-ion / underneath rear seats	Stroke/bore	mm	94.6 / 82.0	
Max output kW/hp 210 / 286 at rpm 5000 – 6000 Max torque Nm 450 at rpm 1500 – 3500 Output per litre kW/l 70.0 Electric Motor BMW eDrive technology: synchronous electric motor integ eight-speed Steptronic transmission, generator functio recuperating energy for the high-voltage battery Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 – 2700 Recuperation output kW 20	Compression ratio	:1	11.0	
at rpm 5000 – 6000 Max torque Nm 450 at rpm 1500 – 3500 Output per litre kW/I 70.0 Electric Motor Motor technology BMW eDrive technology: synchronous electric motor integ eight-speed Steptronic transmission, generator functio recuperating energy for the high-voltage battery Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 – 2700 Recuperation output kW 20 High-voltage battery Storage technology/installation Lithium-ion / underneath rear seats	Fuel		min. RON 91	
Max torque Nm 450 at rpm 1500 – 3500 Output per litre kW/l 70.0 Electric Motor BMW eDrive technology: synchronous electric motor integ eight-speed Steptronic transmission, generator functio recuperating energy for the high-voltage battery Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 – 2700 Recuperation output kW 20	Max output	kW/hp	210/286	
at rpm 1500 – 3500 Output per litre kW/l 70.0 Electric Motor BMW eDrive technology: synchronous electric motor integ eight-speed Steptronic transmission, generator functio recuperating energy for the high-voltage battery Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 – 2700 Recuperation output kW 20	at	rpm	5000 - 6000	
at rpm 1500 – 3500 Dutput per litre kW/l 70.0 Electric Motor Motor technology BMW eDrive technology: synchronous electric motor integ eight-speed Steptronic transmission, generator functio recuperating energy for the high-voltage battery Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 – 2700 Recuperation output kW 20 High-voltage battery Storage technology/installation Lithium-ion / underneath rear seats	Vax torque	Nm	450	
Dutput per litre kW/l 70.0 Electric Motor Motor technology BMW eDrive technology: synchronous electric motor integ eight-speed Steptronic transmission, generator functic recuperating energy for the high-voltage battery Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 – 2700 Recuperation output kW 20	at	rpm	1500 – 3500	
Motor technology BMW eDrive technology: synchronous electric motor integ eight-speed Steptronic transmission, generator function recuperating energy for the high-voltage battery Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 - 2700 Recuperation output kW 20 High-voltage battery Storage technology/installation Lithium-ion / underneath rear seats	Output per litre		70.0	
Motor technology BMW eDrive technology: synchronous electric motor integ eight-speed Steptronic transmission, generator function recuperating energy for the high-voltage battery Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 - 2700 Recuperation output kW 20 High-voltage battery Storage technology/installation Lithium-ion / underneath rear seats	Electric Motor			
Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 0 – 2700 Recuperation output kW 20 High-voltage battery Storage technology/installation Lithium-ion / underneath rear seats		technology BMW eDrive technology: synchronous electric motor integral eight-speed Steptronic transmission, generator function		
rpm 3170 Max torque Nm 265 at rpm 0 – 2700 Recuperation output kW 20 High-voltage battery Storage technology/installation Lithium-ion / underneath rear seats	Max output	kW/hp	83/113	
Max torque Nm 265 at rpm 0 – 2700 Recuperation output kW 20 High-voltage battery Storage technology/installation Lithium-ion / underneath rear seats	· · · · · · · · · · · · · · · · · · ·		3170	
rpm 0 – 2700 Recuperation output kW 20 High-voltage battery 20 Storage technology/installation Lithium-ion / underneath rear seats				
Recuperation output kW 20 High-voltage battery				
Storage technology/installation Lithium-ion / underneath rear seats				
Storage technology/installation Lithium-ion / underneath rear seats	High-voltage battery			
			Lithium-ion / underneath rear seats	
	<u> </u>	1/		
Energy capacity (gross) kWh 12.0 Charging time for 100% charge 4.4 h at 3.7 kW (16 A / 230 V)		KVVN		

		BMW 745Le			
Driving Dynamics and Safety					
Suspension, front	Double-w	ishbone axle in aluminium construction with separate lower			
		track arm, small steering roll radius, anti-dive,			
		air suspension with self-levelling			
Suspension, rear	Five-link a	xle in aluminium construction, steerable, with anti-squat and			
		ontrol, double acoustic decoupling, air suspension with self-			
		levelling			
Brakes, front	,	Vented disc brakes, with four-piston fixed callipers			
Brakes, rear					
		nted disc brakes, with single-piston floating callipers			
Driving stability systems		; incl. ABS, ASC and DTC (Dynamic Traction Control), CBC			
	(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking				
	function, Fac	ling Compensation, Start-Off Assistant, Dynamic Damper			
		Control			
Safety equipment	Standard: airba	Standard: airbags for driver and front passenger, side airbags for driver and			
	front passenge	er, head airbags for front and rear seats, knee airbag on the			
	driver's side, t	hree-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)			
Steering	with	Servotronic function, optional: Integral Active Steering			
Pteering ratio everall		16.3			
Steering ratio, overall	:1				
Tyres, front/rear		245/50 R18 100Y			
Rims, front/rear	8J x 18 light-alloy				
Fransmission		Fisher and Observation in the second second			
Type of transmission		Eight-speed Steptronic transmission			
Gear ratios I	:1	4.714			
	:1	3.143			
III	:1	2.106			
IV	:1	1.667			
V	:1	1.285			
VI	:1	1.000			
VI	:1	0.839			
VIII	:1	0.667			
R	:1	3.317			
Final drive	:1	3.077			
Performance					
Acceleration 0–100 km/h	S	5.3			
	s	250			
Fop speed					
Top speed (electric)	km/h	140			
Range (electric)	km	52 – 55			
BMW EfficientDynamics	DMM oDrive technol	any Electric Dewar Chapring, hybrid apacific Auto Start Sta			
BMW EfficientDynamics standard		ogy, Electric Power Steering, hybrid-specific Auto Start Sto			
eatures	function, Optimum Shift Indicator, ECO PRO mode with coasting function and				
	Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic				
	,	r flap control, on-demand operation of ancillary units, map-			
	regulated oil pump	o, differential with optimised warm-up behaviour, tyres with			
		reduced rolling resistance			
Fuel Consumption ECE					
Fuel consumption combined	l/100 km	2.3 - 2.2			
CO ₂ emissions from fuel	g/km	53 – 50			
Electric power consumption	kWh/100 km	15.7 – 15.6			
combined					
Emission rating		Euro 6d-TEMP			

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

¹⁾ Height including roof fin ²⁾ Oil change

All figures relating to performance, fuel/electric power consumption, CO2 emissions and operating range are provisional.

The fuel consumption, CO₂ emissions, electric power consumption and operating range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are already based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Correct as at: 16.01.2019

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ 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 Ostfilderm-Scharnhausen and at https://www.dat.de/co2/.

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The new BMW 7 Series. 745Le xDrive.

	BMW 745Le xDrive		
~ .			
Body		4/5	
No of doors/seats		4/5	
_ength/width/height ¹⁾ (unladen)	mm	5260 / 1902 / 1479	
Wheelbase	mm	3210	
Frack, front/rear	mm	1611/1640	
Ground clearance	mm	135	
Turning circle	m	12.9	
Fuel tank capacity	approx. I	46	
	<u> </u>	6.5	
Weight, unladen, to DIN/EU	kg	2085/2160	
Max load to DIN	kg	620	
Max permissible weight	kg	2705	
Max axle load, front/rear	kg	1300 / 1500	
Vlax roofload/max towbar download	kg	100 / -	
_uggage comp capacity		420	
Air resistance	c _d x A	0.27 x 2.42	
Power Unit			
Drive concept		Full-hybrid drive, drive torque from engine or electric motor or	
		both transmitted to all four wheels via BMW xDrive	
Max system output	kW/hp	290 / 394	
Vlax system torque	Nm	600	
System power-to-weight ratio (DIN)	kg/kW	7.2	
Petrol Engine			
Config/No of cyls/valves		In-line / 6 / 4	
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve timing, 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	210/286	
	kW/hp rpm	210 / 286 5000 – 6000	
at		· · · · · · · · · · · · · · · · · · ·	
at Max torque	rpm	5000 - 6000	
at Max torque at	rpm Nm	5000 - 6000 450	
at Max torque at Output per litre	rpm Nm rpm	5000 - 6000 450 1500 - 3500	
at Max torque at Output per litre Electric Motor	rpm Nm rpm	5000 - 6000 450 1500 - 3500 70.0	
at Max torque at Output per litre Electric Motor Motor technology	rpm Nm rpm	5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for	
at Max torque at Output per litre Electric Motor Motor technology Max output	rpm Nm rpm kW/l	5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery	
at Max torque at Output per litre Electric Motor Motor technology Max output at	rpm Nm rpm kW/l	5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170	
at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque	rpm Nm rpm kW/l kW/hp rpm Nm	5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265	
at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque at	rpm Nm rpm kW/l	5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170	
at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque at Recuperation output	rpm Nm rpm kW/l kW/hp rpm Nm	5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated inte eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265 0 – 2700	
at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque at Recuperation output High-voltage battery	rpm Nm rpm kW/l kW/hp rpm Nm	5000 - 6000 450 1500 - 3500 70.0 BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265 0 - 2700 20	
at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque at Recuperation output High-voltage battery Storage technology/installation	rpm Nm rpm kW/lp rpm Nm rpm kW	5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265 0 – 2700 20 Lithium-ion / underneath rear seats	
Max output at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross)	rpm Nm rpm kW/l kW/hp rpm Nm	5000 - 6000 450 1500 - 3500 70.0 BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265 0 - 2700 20	

		BMW 745Le xDrive		
Driving Dynamics and Safety				
Suspension, front	Double	e-wishbone axle in aluminium construction with separate lower		
		track arm, small steering roll radius, anti-dive,		
	air suspension with self-levelling			
Suspension, rear		in aluminium construction, steerable, with anti-squat and anti		
	dive control,	double acoustic decoupling, air suspension with 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), CE (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked wi			
		ive all-wheel-drive system, Dynamic Damper Control		
Safety equipment	front passe	bags for driver and front passenger, side airbags for driver and nger, head airbags for front and rear seats, knee airbag on the e, three-point inertia-reel seatbelts on all seats with belt latch		
		and belt force limiter in the front, crash sensors, tyre pressure		
		indicator		
Steering		Electric Power Steering (EPS)		
5	W	ith Servotronic function, optional: Integral Active Steering		
Steering ratio, overall	:1	16.3		
Tyres, front/rear		245/50 R18 100Y		
Rims, front/rear		8J x 18 light-alloy		
Transmission				
Type of transmission		Eight-speed Steptronic transmission		
Gear ratios I	:1	4.714		
II	:1	3.143		
III	:1	2.106		
IV	:1	1.667		
V	:1	1.285		
VI	:1	1.000		
VII	:1	0.839		
VIII	:1	0.667		
R	:1	3.317		
Final drive	:1	3.231		
Performance				
Acceleration 0–100 km/h		5.1		
	S km/b	250		
Top speed	km/h	140		
Top speed (electric) Range (electric)	km/h km	50 – 54		
	КШ	00 - 04		
BMW EfficientDynamics				
BMW EfficientDynamics standard	BMW eDrive tech	nology, Electric Power Steering, hybrid-specific Auto Start Sto		
features	Proactive Driving attributes, active regulated oil p	Im Shift Indicator, ECO PRO mode with coasting function and Assistant, BMW EfficientLightweight, optimised aerodynamic e air flap control, on-demand operation of ancillary units, map- nump, differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption ECE				
Fuel consumption combined	l/100 km	2.6 - 2.3		
CO ₂ emissions from fuel	g/km	59 - 52		
Electric power consumption	kWh/100 km	16.3 – 15.8		
combined				

¹⁾ Height including roof fin
 ²⁾ Oil change

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BMW Media Information

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The new BMW 7 Series. 745e, 745Le, 745Le xDrive.



