

Media Information

BMW 740Le xDrive iPerformance.

BMW 740Le xDrive iPerformance		
Body		
No of doors/seats		4 / 5
Length/width/height ¹⁾ (unladen)	mm	5238 / 1902 / 1479
Wheelbase	mm	3210
Track, front/rear	mm	1617 / 1646
Ground clearance	mm	135
Turning circle	m	12.9
Fuel tank capacity	approx ltr	46
Engine oil ²⁾	ltr	5.25
Weight, unladen, to DINEU	kg	2000 / 2075
Max load to DIN	kg	655
Max permissible weight	kg	2655
Max axle load, front/rear	kg	1205 / 1485
Max roofload/towbar download	kg	100 / –
Luggage comp capacity	ltr	420
Air resistance	C _d x A	0.25 x 2.42
Drive system		
Drive concept		Full hybrid drive, torque vectoring to all four wheels from one or both units via BMW xDrive
System output	kW/hp	240 / 326
System torque	Nm	500
Weight-to-power ratio (DIN)	kg/kW	8.3
Combustion engine		
Config/No of cyls/valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve control, Double VANOS variable camshaft control
Effective capacity	cm ³	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel grade		min RON 91
Output	kW/hp	190 / 258
at	rpm	5000 – 6500
Torque	Nm	400
at	rpm	1550 – 4400
Output per litre	kW/ltr	95.1
Electric motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated in 8-speed Steptronic transmission, generator function for energy recuperation for the high-voltage battery
Max output	kW/hp	83 / 113
at	rpm	3170
Torque	Nm	250
at	rpm	0 – 3170
Recuperation output	kW	20
High-voltage battery		
Storage technology / installation		lithium-ion / underneath rear seat
Voltage	V	351
Capacity (gross)	kWh	9.2
Charging time for 100% charge		2.7 h at 3.7 kW (16 A / 230 V)
Transmission		
Type of transmission		8-speed Steptronic
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

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Driving dynamics and safety

Suspension, front	Double track control arm axle with separate lower track arm level, aluminium, small steering roll radius, anti-dive, air suspension with automatic self-levelling		
Suspension, rear	Five-link axle, aluminium, with steering function, anti-squat and anti-dive, double acoustic separation, air suspension with 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, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC cross-linked with xDrive all-wheel drive, Dynamic Damper Control		
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, driver's side knee airbag, three-point inertia-reel belts on all seats, integrated at the front with belt tightener and belt force limiter, crash sensors, tyre pressure indicator		
Steering	Electric Power Steering (EPS) with Servotronic function, optional: Integral Active Steering		
Steering transmission, overall	:1		16.9
Tyres, front/rear	225/60 R17 99Y		
Rims, front/rear	7.5J x 17 light-alloy		

Performance

Acceleration 0–100 km/h	s	5.3
Maximum speed	km/h	250
Maximum speed electric	km/h	140

BMW EfficientDynamics

BMW EfficientDynamics standard measures	BMW eDrive technology, Electric Power Steering (EPS), hybrid-specific Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air vents, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, rear differential and power divider with optimised warm-up behaviour, tyres with reduced roll resistance		
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Fuel consumption in EU cycle for hybrid vehicles³⁾

With standard wheels and tyres			
Petrol consumption combined	l/100 km		2.1
CO ₂ emissions from petrol	g/km		49
Electric power consumption combined	kWh/100 km		13.2
Electric range	km		45
With 8J x 18 wheels and 245/50 R18 tyres			
Petrol consumption combined	l/100 km		2.4
CO ₂ emissions from petrol	g/km		54
Electric power consumption combined	kWh/100 km		13.7
Electric range	km		42
With 8.5J x 19 wheels and 245/45 R19 tyres, and with winter tyres			
With 8.5J x 19 front wheels, 9.5J x 19 rear wheels, 245/45 R19 front tyres, 275/40 R19 rear tyres			
With 8.5J x 20 front wheels, 10J x 20 rear wheels, 245/40 R20 front tyres, 275/35 R20 rear tyres			
With 8.5J x 21 front wheels, 10J x 21 rear wheels, 245/35 R21 front tyres, 275/30 R21 rear tyres			
Petrol consumption combined	l/100 km		2.5
CO ₂ emissions from petrol	g/km		56
Electric power consumption combined	kWh/100 km		13.9
Electric range	km		41
Emission rating			EU6