BMW Media Information 11/2020

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Technical specifications. The new BMW 6 Series Gran Turismo. 630i.



		BMW 630i Gran Turismo
Body		F.IF
No of doors/seats	·	5/5
Length/width/height 1) (unladen) Wheelbase		5091 / 1902 / 1538 3070
	mm	****
Track, front/rear Ground clearance	mm	1615 / 1649 138
Turning circle	mm m	12.3
Fuel tank capacity	approx. I	68
Engine oil 2)	арргох. г	5.25
Weight, unladen, to DIN/EU	kg	
Max load to DIN	kg	665
Max permissible weight		2450
Max axle load, front/rear	kg kg	1230 / 1380
	ĸg	12307 1380
Max trailer load,	ka	2100 / 750
braked (12%)/unbraked	kg	2100 / 750
Max roofload/max towbar down	load kg	75 / 100
Luggage comp capacity		600 – 1800
Air resistance	c _d x A	0.25 x 2.54
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision
ge		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	10.2
Fuel		Min. RON 91
Max output	kW/hp	190 / 258
at	rpm	5000 - 6500
Max torque	Nm	400
at	rpm	1550 – 4400
48V mild hybrid technology	тріті	1000 4400
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
Driving Dynamics and Safet	tv	
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm.
, , , , ,		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	Ç	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; optional: Adaptive suspension,
		Executive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
A sale is said		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
· · · · 9		optional: Integral Active Steering
Steering ratio, overall	:1	17.0
Tyres, front/rear		225/60 R17 99Y
Rims, front/rear		7.5J x 17 light-alloy
		1100 X 17 light dilby

		BMW 630i Gran Turismo
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios	l :1	5.250
	II :1	3.360
	III :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	3.077
Performance		
Power-to-weight ratio (DIN)) kg/kW	9.4
Output per litre	kW/l	95.1
Acceleration 0–100 km	n/h s	6.5
Top speed	km/h	250
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, differential with optimised
		warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption ECE		
Urban	l/100 km	7.4 – 7.2
Extra-urban	l/100 km	5.4 – 5.2
Combined	l/100 km	6.1 – 5.9
CO ₂	g/km	139 – 135
Emission rating		Euro 6d

¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 6 Series Gran Turismo. 640i.

		BMW 640i Gran Turismo
B		
Body		5/5
No of doors/seats	mm	5091 / 1902 / 1538
Length/width/height 1) (unladen) Wheelbase	mm	3070
Track, front/rear	mm	1615 / 1649
Ground clearance	mm mm	138
Turning circle	m	12.3
	pprox. I	68
Engine oil 2)	1. I	6.5
Weight, unladen, to DIN/EU	kg	1855 / 1930
Max load to DIN	kg	655
Max permissible weight	kg	2510
Max axle load, front/rear	kg	1190 / 1400
Max trailer load,	9	
braked (12%)/unbraked	kg	2100 / 750
Max roofload/max towbar download		75 / 100
Luggage comp capacity	Ī	600 – 1800
Air resistance	c _d x A	0.27 x 2.54
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision
		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	245 / 333
at	rpm	5500 – 6250
Max torque	Nm	450
at	rpm	1600 – 4800
48V mild hybrid technology		
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm,
Suspension, rear		small steering roll radius, transverse force compensation, anti-dive Five-link axle in aluminium lightweight construction, dual elastic bearing, air
Suspension, real		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Driving stability systems	`	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant; optional: Adaptive suspension,
		Executive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Steering		Electric Power Steering (EPS), optional: Integral Active Steering
Steering Steering ratio, overall	:1	optional: Integral Active Steering 17.0
	:1	optional: Integral Active Steering

			BMW 640i Gran Turismo
Transmission			
Type of transmission			Eight-speed Steptronic transmission
Gear ratios		:1	5.250
	II	:1	3.360
	III	: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	3.077
Performance			
Power-to-weight ratio ([DIN)	kg/kW	7.6
Output per litre		kW/l	81.7
Acceleration 0–100) km/h	S	5.5
Top speed		km/h	250
BMW EfficientDynam	ics		
BMW EfficientDynamics	 6	N	lild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard features			vith 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, differential with optimised
			warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption E0	CE		
Urban	1/	100 km	8.9 – 8.7
Extra-urban	1/	100 km	5.9 – 5.7
Combined	1/	100 km	7.0 – 6.8
CO ₂		g/km	160 – 155
Emission rating			Euro 6d

¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 6 Series Gran Turismo. 640i xDrive.

		BMW 640i xDrive Gran Turismo
Body		
No of doors/seats		5/5
Length/width/height 1) (unladen)	mm	5091 / 1902 / 1540
Wheelbase	mm	3070
Track, front/rear	mm	1615 / 1647
Ground clearance	mm	138
Turning circle	m	12.5
<u>_</u>	oprox. I	68
Engine oil ²⁾	<u> </u>	6.5
Weight, unladen, to DIN/EU	kg	1910 / 1985
Max load to DIN	kg	665
Max permissible weight	kg	2575
Max axle load, front/rear	kg	1240 / 1420
Max trailer load,	ng.	12407 1420
braked (12%)/unbraked	kg	2100 / 750
Max roofload/max towbar download		75 / 100
Luggage comp capacity	I Ng	600 – 1800
Air resistance	Cd x A	0.27 x 2.54
All resistance	CaxA	0.21 X 2.34
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision
		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	245 / 333
at	rpm	5500 – 6250
Max torque	Nm	450
at	rpm	1600 – 4800
48V mild hybrid technology		
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
40V Datter ym Istaliation	AII/-	117 engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	;	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
		with DSC; optional: Adaptive suspension, Executive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
Otración de la companya de la compan		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Observation with the state of t		optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear		245/50 R18 100Y
Rims, front/rear		8J x 18 light-alloy

			BMW 640i xDrive Gran Turismo
Transmission			
Type of transmission)		Eight-speed Steptronic transmission
Gear ratios	ı	:1	5.250
	II	:1	3.360
	III	: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	3.077
Performance			
Power-to-weight ratio	o (DIN)	kg/kW	7.8
Output per litre		kW/l	81.7
Acceleration 0-1	100 km/h	S	5.4
Top speed		km/h	250
BMW EfficientDyn	amics		
BMW EfficientDynam			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	FCF		
Urban		l/100 km	9.5 – 9.4
Extra-urban		1/100 km	
Combined		I/100 km	
CO ₂		g/km	
Emission rating			Euro 6d

¹⁾ Height including roof fin 2) Oil change

The new BMW 6 Series Gran Turismo. 620d.

		BMW 620d Gran Turismo
D. I		
Body No of doors (so sto		F I F
No of doors/seats) mm	5 / 5 5091 / 1902 / 1538
Length/width/height 1) (unladen Wheelbase		3070
Track, front/rear	mm mm	1615 / 1647
Ground clearance	mm	138
Turning circle	m	12.3
Fuel tank capacity	approx. l	66
Engine oil 2)	арргох. г	5.5
Weight, unladen, to DIN/EU	kg	
Max load to DIN	kg	655
Max permissible weight	kg	2490
Max axle load, front/rear	kg	1150 / 1420
Max trailer load,	Ng	11307 1420
braked (12%)/unbraked	kg	2100 / 750
Max roofload/max towbar down		75 / 100
Luggage comp capacity	liouu ng	600 – 1800
Air resistance	C _d x A	0.25 x 2.54
7 11 10010101100	Ouxit	0.20 X 2.0 T
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, common-rail
3		direct injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	CC	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	140 / 190
at	rpm	4000
Max torque	Nm	400
at	rpm	1750 – 2500
48V mild hybrid technology		
Max 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		
Suspension, front	I	Double-wishbone axle in aluminium construction with separate lower track arm
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	,	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant; optional: Adaptive suspension,
0.61		Executive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
Stooring		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Stooring ratio everall	,1	optional: Integral Active Steering
Steering ratio, overall	:1	17.0
Tyres, front/rear		225/60 R17 99Y
Rims, front/rear		7.5J x 17 light-alloy

			BMW 620d Gran Turismo
Transmission			
Type of transmi	ission		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	: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	3.077
Performance			
Power-to-weigh	nt ratio (DIN)	kg/kW	13.1
Output per litre		kW/l	70.2
Acceleration	0–100 km/h	S	7.9
Top speed		km/h	220
BMW Efficien	tDynamics		
BMW EfficientD	Dynamics	1	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard feature	,		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, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
First Comp.			
Fuel Consump	ption ECE	1/4.00	54.50
Urban		I/100 km	5.1 – 5.0
Extra-urban		I/100 km	4.2 – 4.1
Combined		I/100 km	4.6 – 4.4
CO ₂		g/km	120 – 116
Emission rating			Euro 6d

¹⁾ Height including roof fin 2) Oil change

The new BMW 6 Series Gran Turismo. 630d.

		BMW 630d Gran Turismo
		DMW 0300 Gran i unsino
Body		
No of doors/seats		5/5
Length/width/height 1) (unladen)	mm	5091 / 1902 / 1538
Wheelbase	mm	3070
Track, front/rear	mm	1615 / 1649
Ground clearance	mm	138
Turning circle	m	12.3
Fuel tank capacity ap	prox. I	66
Engine oil 2)	I	7.0
Weight, unladen, to DIN/EU	kg	1930 / 2005
Max load to DIN	kg	645
Max permissible weight	kg	2575
Max axle load, front/rear	kg	1215 / 1425
Max trailer load,		
braked (12%)/unbraked	kg	2100 / 750
Max roofload/max towbar download	kg	75 / 100
Luggage comp capacity	I	600 – 1800
Air resistance	c _d x A	0.25 x 2.54
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure
0		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		Diesel
Max output	kW/hp	210 / 286
at	rpm	4000
Max torque	Nm	650
<u>at</u>	rpm	1500 – 2500
48V mild hybrid technology		0.144
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm,
Cuanancian rear		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
Brakes front		suspension with automatic self-levelling
Brakes, front Brakes, rear		Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers
		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Driving stability systems		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant; optional: Adaptive suspension,
		Executive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
carety equipment		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
		optional: Integral Active Steering
Steering ratio, overall	:1	17.0
Tyres, front/rear		225/60 R17 99Y
Rims, front/rear		7.5J x 17 light-alloy
-,		

			BMW 630d Gran Turismo
Transmission			
Type of transmi	ission		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	: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	2.563
Performance			
Power-to-weigh	nt ratio (DIN)	kg/kW	9.2
Output per litre		kW/l	70.2
Acceleration	0–100 km/h	S	6.1
Top speed		km/h	250
BMW Efficien	tDynamics		
BMW Efficient	Dynamics	1	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard feature	,		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, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
FI O			
Fuel Consump	ption ECE	1/4.00 1	00.04
Urban		I/100 km	6.2 – 6.1
Extra-urban		I/100 km	4.4 – 4.2
Combined		I/100 km	5.0 – 4.9
CO ₂		g/km	133 – 128
Emission rating			Euro 6d

¹⁾ Height including roof fin 2) Oil change

The new BMW 6 Series Gran Turismo. 630d xDrive.

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J	

		BMW 630d xDrive Gran Turismo
Body		
No of doors/seats		5/5
Length/width/height 1) (unladen)	mm	5091 / 1902 / 1540
Wheelbase	mm	3070
Track, front/rear	mm	1615 / 1647
Ground clearance	mm	138
Turning circle	m	12.5
	orox. I	66
Engine oil 2)	- 1	7.0
Weight, unladen, to DIN/EU	kg	1990 / 2065
Max load to DIN	kg	650
Max permissible weight	kg	2640
Max axle load, front/rear	kg	1280 / 1445
Max trailer load,	9	12007 1 110
braked (12%)/unbraked	kg	2100 / 750
Max roofload/max towbar download	kg	75 / 100
Luggage comp capacity		600 – 1800
	Cd x A	0.25 x 2.54
All resistance		0.23 \ 2.34
Power Unit		
		In-line / 6 / 4
Config/No of cyls/valves		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure
Engine technology		turbocharger with variable inlet geometry, common-rail direct injection with
		piezo injectors (max. injection pressure: 2700 bar)
Effective consoity		2993
Effective capacity Strake/bara	CC	
Stroke/bore Compression ratio	mm	90.0 / 84.0
P	:1	16.5
Fuel	\ \ / //=	Diesel
	:W/hp	210 / 286
at	rpm	4000
Max torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology	\ \ / //=	0.111
Max output k	:W/hp	8/11
Floatrical System		
Electrical System 12V battery/installation	Ah/-	Q0 / luggago compartment
48V battery/installation	Ah/-	90 / luggage compartment 11 / engine compartment
48V Dattery/installation	An-	1 1 / engine compartment
Driving Dynamics and Safety		
Suspension, front	I	Double-wishbone axle in aluminium construction with separate lower track arm,
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
		with DSC; optional: Adaptive suspension, Executive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
<u> </u>		optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear		225/60 R17 99Y
Rims, front/rear		7.5J x 17 light-alloy
		3 ,

			BMW 630d xDrive Gran Turismo
Transmission			
Type of transmis			Eight-speed Steptronic transmission
Gear ratios	l l	:1	5.500
	II	:1	3.520
	III	: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	2.563
Performance			
Power-to-weight	ratio (DIN)	kg/kW	9.5
Output per litre		kW/l	70.2
Acceleration	0-100 km/h	S	5.9
Top speed		km/h	250
BMW Efficient[Ovnamics		
BMW EfficientDy			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, BMW Blue Performance technology with SCR catalytic converter
Fuel Consumpt	ion ECE		
Urban		l/100 km	6.7 – 6.4
Extra-urban		I/100 km	4.6 – 4.4
Combined		I/100 km	5.3 – 5.1
CO ₂		g/km	140 – 135
Emission rating			Euro 6d

¹⁾ Height including roof fin 2) Oil change

The new BMW 6 Series Gran Turismo. 640d xDrive.

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		BMW 640d xDrive Gran Turismo
Body		F.15
No of doors/seats		5/5
Length/width/height 1) (unladen)	mm	5091 / 1902 / 1540
Wheelbase	mm	3070
Track, front/rear	mm	1615 / 1647
Ground clearance	mm	138
Turning circle	m	12.5
Fuel tank capacity	approx. I	66
Engine oil 2) Weight upleden to DIN/ELL		7.0
Weight, unladen, to DIN/EU Max load to DIN	kg	2010 / 2085
	kg	
Max permissible weight	kg	1310 / 1465
Max axle load, front/rear	kg	13107 1403
Max trailer load,	ka	2100 / 750
braked (12%)/unbraked Max roofload/max towbar download	kg od kg	75 / 100
Luggage comp capacity	ad kg I	600 – 1800
Air resistance		0.27 x 2.54
Air resistance	Cd X A	0.27 x 2.54
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, high- and low-
0,		pressure turbochargers with variable intake 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	• • • • • • • • • • • • • • • • • • • •	Diesel
Max output	kW/hp	250 / 340
at	rpm	4400
Max torque	Nm	700
at	rpm	1750 – 2250
48V mild hybrid technology		
Max output	kW/hp	8/11
Electrical System		2011
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front	[Double-wishbone axle in aluminium construction with separate lower track arm,
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	(Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
	-	Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
		with DSC; optional: Adaptive suspension, Executive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
0		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Observation with the state of t		optional: Integral Active Steering
Steering ratio, overall	:1	16.5
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 1				BMW 640d xDrive Gran Turismo
Sear ratios	Transmission			
	Type of transmi	ission		Eight-speed Steptronic transmission
III	Gear ratios	I	:1	<u> </u>
N		II	:1	3.520
V		III	:1	2.200
VI :1 1.000 VII :1 0.823 VIII :1 0.640 R :1 3.993 Final drive :1 2.563 Performance Power-to-weight ratio (DIN) kg/kW 8.0 Output per litre kW/I 83.5 Acceleration 0-100 km/h s 5.6 - 5.4 Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 6.9 – 6.7 Extra-urban I/100 km 4.8 – 4.6 Combined I/100 km 5.6 – 5.4 CO2 g/km 147 – 141		IV	:1	1.720
VII :1 0.823 VIII :1 0.640 R :1 3.993 Sinal drive :1 2.563 Sinal drive :1 2.563 Sinal drive :1 2.563 Sinal drive :1 2.563 Sinal drive Sina		V	:1	1.317
Vili :1 0.640 R :1 3.993 Final drive :1 2.563 Performance Power-to-weight ratio (DIN) kg/kW 8.0 Output per litre kW/l 83.5 Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics 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, BMW Blue Performance technology with SCR catalytic converter		VI	:1	1.000
R :1 3.993 Final drive :1 2.563 Performance Power-to-weight ratio (DIN) kg/kW 8.0 Output per litre kW/l 83.5 Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 6.9 – 6.7 Extra-urban I/100 km 4.8 – 4.6 Combined I/100 km 5.6 – 5.4 CO2 g/km 147 – 141		VII	:1	0.823
Final drive :1 2.563 Performance Power-to-weight ratio (DIN) kg/kW 8.0 Output per litre kW/l 83.5 Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 6.9 – 6.7 Extra-urban I/100 km 4.8 – 4.6 Combined I/100 km 5.6 – 5.4 CO2 g/km 147 – 141		VIII	:1	0.640
Performance Power-to-weight ratio (DIN) kg/kW 8.0 Output per litre kW/l 83.5 Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 6.9 – 6.7 Extra-urban I/100 km 4.8 – 4.6 Combined I/100 km 5.6 – 5.4 CO2 g/km 147 – 141		R	:1	3.993
Power-to-weight ratio (DIN) kg/kW 8.0 Output per litre kW/l 83.5 Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban 1/100 km 6.9 - 6.7 Extra-urban 1/100 km 4.8 - 4.6 Combined 1/100 km 5.6 - 5.4 CO2 g/km 147 - 141	Final drive		:1	2.563
Output per litre kW/I 83.5 Acceleration 0-100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban l/100 km 6.9 - 6.7 Extra-urban l/100 km 4.8 - 4.6 Combined l/100 km 5.6 - 5.4 CO2 g/km 147 - 141	Performance			
Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban 1/100 km 6.9 – 6.7 Extra-urban 1/100 km 4.8 – 4.6 Combined 1/100 km 5.6 – 5.4 CO2 g/km 147 – 141	Power-to-weigh	nt ratio (DIN)	kg/kW	8.0
Top speed km/h 250	Output per litre		kW/l	83.5
BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban 1/100 km 6.9 – 6.7 Extra-urban 1/100 km 4.8 – 4.6 Combined 1/100 km 5.6 – 5.4 CO2 g/km 147 – 141	Acceleration	0–100 km/h	S	5.3
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban /100 km 6.9 – 6.7 Extra-urban /100 km 4.8 – 4.6 Combined /100 km 5.6 – 5.4 CO2 g/km 147 – 141	Top speed		km/h	250
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, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE	BMW Efficient	tDynamics		
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Urban I/100 km 6.9 – 6.7 Extra-urban I/100 km 4.8 – 4.6 Combined I/100 km 5.6 – 5.4 CO ₂ g/km 147 – 141	Fuel Consum	ntion ECE		
Extra-urban I/100 km 4.8 - 4.6 Combined I/100 km 5.6 - 5.4 CO ₂ g/km 147 - 141		Dilon ECE	1/100 km	60 67
Combined I/100 km 5.6 - 5.4 CO2 g/km 147 - 141				
CO ₂ g/km 147 – 141				
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			gridiii	

¹⁾ Height including roof fin 2) Oil change