## The new BMW 6 Series Gran Turismo. 620d.

direct injection with solenoid injectors (max. injection pressure: 2500 batch 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  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 Safety  Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, rear Five-link axle in aluminium lightweight construction, dual elastic bearing, suspension with automatic self-levelling  Brakes, front Vented disc brakes, with four-piston fixed callipers  Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Brake Control), DBC (Corm Brake Control), DBC (Dynamic Brake Control), CBC (Corm Brake Con			BMW 620d Gran Turismo
No of doors/seates	Body		
Langthwidthheight 10	· · · · · · · · · · · · · · · · · · ·		5/5
Max		mm	
Track, front/lear         mm         1615/1647           Ground clearance         mm         138           Truining circle         m         12.3           Fuel tank capacity         approx.1         66           Engine oil 2         l         5.5           Weight, unladen, to DINEU         kg         1835/1910           Max load to DIN         kg         2490           Max permissible weight         kg         2490           Max krailer load,         kg         1150/1420           Max krailer load,         kg         2100/750           Max rooffoadmax towber         kg         75/100           download         Luggage comp capacity         l           Luggage comp capacity         l         600 – 1800           Air resistance         cax A         0.25 x 2.54           Power Unit           Configh of cyls/walves         In-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology; multil-stage turbocharging, common direct injection with solenoid injectors (max. injection pressure: 2500 be           Effective capacity         cc         1995           Effective capacity         cc         1995           Effective capacity         cc         16.5	0		
Ground clearance	Wheelbase	mm	3070
Turning circle	Track, front/rear	mm	1615 / 1647
Fuel tank capacity approx. I 5.5 Engine oil 3 I 5.5 Engine oil 3 I 5.5  Weight, unladen, to DIN/EU kg 1835/1910  Max load to DIN kg 655  Max ade load, front/rear kg 1150 / 1420  Max ade load, front/rear kg 1150 / 1420  Max trailer load, kg 75 / 100  download  Max trailer load, kg 75 / 100  Max trailer load, kg 75 / 100  download  Luggage comp capacity I 600 – 1800  Air resistance Cu XA 0.25 x 2.54  Power Unit  ConfigNo of cyls/valves Engine technology BMW TwinPower Turbo technology: multi-stage turbocharging, common direct injection with solenoid injectors (max. injection pressure: 2500 be 25 / 100 / 150 / 100		mm	138
Fingline   1   5.5		m	12.3
Weight, unladen, to DINXEU         kg         1835 / 1910           Max load to DIN         kg         655           Max ade load, front/rear         kg         1150 / 1420           Max ade load, front/rear         kg         1150 / 1420           Max role load, kg         2100 / 750           Max rooffoadmax towbar         kg         75 / 100           download         Luggage comp capacity         I         600 - 1800           Air resistance         Cd x A         0.25 x 2.54           Power Unit           ConfigNo of cyls/valves         In-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turbocharging, common direct injection with solenoid injectors (max. injection pressure: 2500 be           Effective capacity         cc         1995           Strokelbore         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           48V mild hybrid technology         Max output         kW/hp         8 / 11           Electrical System         1 <t< td=""><td></td><td>approx. I</td><td></td></t<>		approx. I	
Max load to DIN kg 655  Max permissible weight kg 2490  Max racelload, front/rear kg 1150 / 1420  Max trailer load, kg 1150 / 1420  Max trailer load, kg 75 / 100  download  Luggage comp capacity I 600 – 1800  Air resistance cd x A 0.25 x 2.54   Power Unit  Config/No of cyls/valves In-line / 4 / 4  Engine technology BMW TwinPower Turbo technology, multi-stage turbocharging, common direct injection with solenoid injectors (max. injection pressure: 2500 be 195 february 1 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 Myhp 8 / 11  Electrical System  12V battery/installation Ah/ 90 / luggage compartment  ABV battery/installation Ah/ 11 / engine compartment  Driving Dynamics and Safety  Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive Shakes, front Vented disc brakes, with four-piston fixed callipers  Driving stability systems  Safety equipment  Steering Electric Power Steering (EPS), optional: integral Active Steering  Electric Power Steering (EPS), optional: integral Active Steering  Steering attio, overall : 1 7.7.0		· ·	
Max permissible weight			
Max atelioad, front/rear         kg         1150/1420           Max trailer load,         kg         2100/750           Max roofload/max towbar download         kg         75/100           Cownload         Luggage comp capacity         I         600 – 1800           Air resistance         Ca x A         0.25 x 2.54           Power Unit           Config/No of cyls/valves         In-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology, multi-stage turbocharging, common direct injection with solenoid injectors (max. injection pressure: 2500 ba           Effective capacity         cc         1995           Stroke/bore         mm         90.07 84.0           Compression ratio         :1         16.5           Fuel         Diesel           Max output         kW/hp         140/190           at         irpm         4000           Max torque         Nm         400           at         irpm         1750 – 2500           48V baltery/installation         Ah/-         90 / luggage compartment           Electrical System           12V battery/installation         Ah/-         11 / engine compartment           Driving Dynamics and Safety			
Max trailer load, braked (12%) fundamental for the second (12%) fundamental for the second (12%) fundamental for the second fundamental fu			
braked (12%)/unbraked	·		11507 1420
Max roofload/max towbar download Luggage comp capacity I 600 – 1800 Air resistance c <sub>d</sub> x A 0.25 x 2.54  Power Unit Config/No of cyls/valves In-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: multi-stage turbocharging, common direct injection with solenoid injectors (max. injection pressure: 2500 be: 1995 Strokelbore mm 90.0184.0 Compression ratio :1 16.5 Fuel Diesel Max output kW/hp 140/190 at rpm 4000 Max torque Nm 400 Max torque Nm 400 Max torque Nm 400 Max output kW/hp 8/11  Electrical System  12V battery/installation Ah/- 90 / luggage compartment  ABV battery/installation Ah/- 11 / engine compartment  Driving Dynamics and Safety Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive Suspension with automatic self-levelling Brakes, front Vented disc brakes, with single-piston floating callipers  Driving stability systems Standard: airbags for driver and front passenger, side airbags for driver a front passenger, pead airbags front and rear, three-point inertia-reel seatt on all season with belt stopper, belt tensioner and belt force limiter at the fror crash-active front head restraints, crash sensors, tyre pressure indicate Steering  Electric Power Steering (EPS), optional: Integral Active Steering Steering ratio, overall :1 1.7.0	,	кд	2100 / 750
Luggage comp capacity   1		ka	
Luggage comp capacity         I         600 − 1800           Air resistance         cd x A         0.25 x 2.54           Power Unit           Config/No of cyls/valves         In-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology; multi-stage turbocharging, common direct injection with solenoid injectors (max. injection pressure: 2500 bz           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           12V battery/installation         Ah/-         11 / engine compartment           Driving Dynamics and Safety         Suspension, front         Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive small steering roll radius, transverse force compensation, anti-dive small steering roll radi		ĸy	737 100
Air resistance c <sub>d</sub> x A 0.25 x 2.54  Power Unit Config/No of cylsivalves Engine technology BMW TwinPower Turbo technology: multi-stage turbocharging, common direct injection with solenoid injectors (max. injection pressure: 2500 bate in the properties of the prope		1	600 – 1800
Power Unit Config/No of cyls/valves Engine technology BMW TwinPower Turbo technology: multi-stage turbocharging, common direct injection with solenoid injectors (max. injection pressure: 2500 be Effective capacity Compression ratio Compression ra			
Config/No of cyts/valves		-3777	·
Engine technology  BMW TwinPower Turbo technology: multi-stage turbocharging, common direct injection with solenoid injectors (max. injection pressure: 2500 be 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 Safety  Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive small steering roll radius, transverse force compensation, anti-dive suspension, front Vented disc brakes, with four-piston fixed callipers  Driving Stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), DSC (Com Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Standard: airbags for driver and front passenger, side airbags for driver and front passeng	Power Unit		
Effective capacity cc 1995  Stroke/Bore mm 9.0.0 / 84.0  Compression ratio :1 16.5  Fuel Diesel  Max output kW/hp 140 / 190  at rpm 4000  Max torque Nm 400  ABV 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 small steering roll radius, transverse force compensation, anti-dive Suspension, rear  Five-link axle in aluminium lightweight construction, dual elastic bearing, suspension with automatic self-levelling  Brakes, front Vented disc brakes, with four-piston floating callipers  Driving stability systems  Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Com Brake Control), DPS (Dynamic Brake Control), DPS (Com Brake Control), DPS (Com Brake Control), DPS (Com Brake Control), DPS (Dynamic Brake Control), CBC (Com Brake Control), DPS (Braker), DPS (Dynamic Brake Control), CPS (Com Brake Control), DPS (Braker),	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  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 Safety  Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, rear Five-link axle in aluminium lightweight construction, dual elastic bearing, suspension with automatic self-levelling  Brakes, front Vented disc brakes, with four-piston fixed callipers  Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Com Brake Control), DBC (Dynamic Brake Control), DBC (Dynamic Brake Control), DBC (Safety equipment Standard: airbags for driver and front passenger, side airbags for driver a front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seate on all seats with belt stopper, belt tensioner and belt force limiter at the frort passenger, head airbags front and rear, three-point inertia-reel seate on all seats with belt stopper, belt tensioner and belt force limiter at the frortsh-active front head restraints, crash sensors, tyre pressure indicate Steering (EPS), optional: Integral Active Steering (EPS), optional: Integral Active Steering Steering ratio, overall 17.0	Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, common-rail
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 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 small steering roll radius, transverse force compensation, anti-dive Suspension, rear Five-link axle in aluminium lightweight construction, dual elastic bearing, suspension with automatic self-levelling Brakes, front Vented disc brakes, with four-piston fixed callipers  Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Compensation, Start-Off Assistant; optional: Adaptive suspension executive Drive  Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passeng	Effective consoit /		
Compression ratio :1 16.5 Fuel Diesel  Max output kW/hp 140 / 190 at rpm 4000  Max torque Nm 4000 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 Safety  Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, rear Five-link axle in aluminium lightweight construction, dual elastic bearing, 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 (Com Brake Control), DBC (Dynamic Brake Control), DBC (Dynamic Brake Control), DBC (Gompensation, Start-Off Assistant; optional: Adaptive suspension all seats with belt stopper, belt tensioner and belt force limiter at the from the passenger, head airbags front and rear, three-point inertia-reel seats on all seats with belt stopper, belt tensioner and belt force limiter at the from the passenger, bead airbags front and rear, three-point inertia-reel seats on all seats with belt stopper, belt tensioner and belt force limiter at the from the passenger stoppers and belt force limiter at the from the passenger stoppers and belt force limiter at the from the passenger stoppers and belt force limiter at the from the passenger stoppers and belt force limiter at the from the passenger stoppers and belt force limiter at the from the passenger stoppers and belt force limiter at the from the passenger stoppers and belt force limiter at the from the passenger stoppers and belt force limiter at the from the passenger stoppers and belt force limiter at the from the passenger stoppers and belt force limiter at the from the passenger stoppers and the passenger stoppers and belt force lim			
Fuel Diesel  Max output kW/hp 140 / 190  at ppm 4000  Max torque Nm 400  at ppm 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 Safety  Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, rear Five-link axle in aluminium lightweight construction, dual elastic bearing, suspension with automatic self-levelling  Brakes, front Vented disc brakes, with four-piston fixed callipers  Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Com Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspension all seats with belt stopper, belt tensioner and belt force limiter at the frocash-active front head restraints, crash sensors, tyre pressure indicate Steering  Electric Power Steering  Steering ratio, overall :1 17.0			
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 Safety  Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, rear Five-link axle in aluminium lightweight construction, dual elastic bearing, suspension with automatic self-levelling  Brakes, front Vented disc brakes, with four-piston fixed callipers  Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Com Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspension all seats with belt stopper, belt tensioner and belt force limiter at the from the passenger, head airbags front and rear, three-point inertia-reel seatt on all seats with belt stopper, belt tensioner and belt force limiter at the from the passenger of the p	· · · · · · · · · · · · · · · · · · ·		
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 Safety  Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, rear Five-link axle in aluminium lightweight construction, dual elastic bearing, 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 (Com Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic Executive Drive  Safety equipment Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seath on all seats with belt stopper, belt tensioner and belt force limiter at the fror crash-active front head restraints, crash sors, tyre pressure indicate.  Steering Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall :1 17.0		k\M/hn	
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  Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, front  Double-wishbone axle in aluminium lightweight construction, dual elastic bearing, suspension with automatic self-levelling  Brakes, front  Five-link axle in aluminium lightweight construction, dual elastic bearing, suspension with automatic self-levelling  Brakes, rear  Vented disc brakes, with four-piston fixed callipers  Driving stability systems  Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Com Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic 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 seath on all seats with belt stopper, belt tensioner and belt force limiter at the from the crash-active front head restraints, crash sensors, tyre pressure indicated telepropers and the pressure indicated telepropers and belt force limiter at the from the crash-active front head restraints, crash sensors, tyre pressure indicated telepropers and the pressure indicated telepropers and telepropers and			
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 Safety  Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive revenue for suspension, rear Five-link axle in aluminium lightweight construction, dual elastic bearing, 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 (Com 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			
## ABV mild hybrid technology   Max output			1750 – 2500
Electrical System  12V battery/installation Ah/- 90 / luggage compartment  48V battery/installation Ah/- 111 / engine compartment  Driving Dynamics and Safety  Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, rear Five-link axle in aluminium lightweight construction, dual elastic bearing, 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 (Com Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic 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 seath on all seats with belt stopper, belt tensioner and belt force limiter at the for crash-active front head restraints, crash sensors, tyre pressure indicate Steering  Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall :1 17.0	48V mild hybrid technology		
12V battery/installation Ah/- 90 / luggage compartment 48V battery/installation Ah/- 111 / engine compartment  Driving Dynamics and Safety  Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, rear Five-link axle in aluminium lightweight construction, dual elastic bearing, 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 (Corn Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic Executive Drive  Safety equipment Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seatt on all seats with belt stopper, belt tensioner and belt force limiter at the for crash-active front head restraints, crash sensors, tyre pressure indicate Steering  Steering Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall :1 17.0	Max output	kW/hp	8/11
12V battery/installation Ah/- 90 / luggage compartment 48V battery/installation Ah/- 111 / engine compartment  Driving Dynamics and Safety  Suspension, front Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, rear Five-link axle in aluminium lightweight construction, dual elastic bearing, 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 (Corn 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, belt tensioner and belt force limiter at the from the additional restraints, crash sensors, tyre pressure indicated steering Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall 17.0	Electrical System		
Driving Dynamics and Safety           Suspension, front         Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive           Suspension, rear         Five-link axle in aluminium lightweight construction, dual elastic bearing, 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 (Com Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic Executive Drive           Safety equipment         Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and sirbags front and rear, three-point inertia-reel seath on all seats with belt stopper, belt tensioner and belt force limiter at the from the ad restraints, crash sensors, tyre pressure indicated crash-active front head restraints, crash sensors, tyre pressure indicated steering           Steering         Electric Power Steering (EPS), optional: Integral Active Steering           Steering ratio, overall         1		Ah/-	90 / luggage compartment
Suspension, front  Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, rear  Five-link axle in aluminium lightweight construction, dual elastic bearing, 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 (Corn Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic Executive Drive  Safety equipment  Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seath on all seats with belt stopper, belt tensioner and belt force limiter at the fire crash-active front head restraints, crash sensors, tyre pressure indicated steering  Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall  17.0	48V battery/installation	Ah/–	11 / engine compartment
Suspension, front  Double-wishbone axle in aluminium construction with separate lower track small steering roll radius, transverse force compensation, anti-dive  Suspension, rear  Five-link axle in aluminium lightweight construction, dual elastic bearing, 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 (Corn Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic Executive Drive  Safety equipment  Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seath on all seats with belt stopper, belt tensioner and belt force limiter at the fire crash-active front head restraints, crash sensors, tyre pressure indicated Steering  Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall  17.0	Driving Dynamics and Safe	tv	
Suspension, rear  Five-link axle in aluminium lightweight construction, dual elastic bearing, 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 (Corn Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic Executive Drive  Safety equipment  Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seath on all seats with belt stopper, belt tensioner and belt force limiter at the from crash-active front head restraints, crash sensors, tyre pressure indicated steering  Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall  11  17.0			Double-wishbone axle in aluminium construction with separate lower track arm
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 (Corn Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic Executive Drive  Safety equipment  Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seath on all seats with belt stopper, belt tensioner and belt force limiter at the front crash-active front head restraints, crash sensors, tyre pressure indicated Steering  Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall  17.0			small steering roll radius, transverse force compensation, anti-dive
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 (Corn Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic Executive Drive  Safety equipment  Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seath on all seats with belt stopper, belt tensioner and belt force limiter at the for crash-active front head restraints, crash sensors, tyre pressure indicated Steering  Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall  17.0	Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
Brakes, rear  Vented disc brakes, with single-piston floating callipers  Driving stability systems  Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Corn Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic Executive Drive  Safety equipment  Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seath on all seats with belt stopper, belt tensioner and belt force limiter at the from the destraints, crash sensors, tyre pressure indicated Steering  Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall  17.0			suspension with automatic self-levelling
Driving stability systems  Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Combrake 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 seath on all seats with belt stopper, belt tensioner and belt force limiter at the front crash-active front head restraints, crash sensors, tyre pressure indicated Steering  Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall  17.0	Brakes, front		
Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspensic Executive Drive  Safety equipment  Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seath on all seats with belt stopper, belt tensioner and belt force limiter at the front passenger are indicated to the crash-active front head restraints, crash sensors, tyre pressure indicated Steering  Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall  17.0			
Safety equipment Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seath on all seats with belt stopper, belt tensioner and belt force limiter at the from the crash-active front head restraints, crash sensors, tyre pressure indicated Steering Steering Electric Power Steering (EPS), optional: Integral Active Steering Steering ratio, overall  17.0	Driving stability systems		
Safety equipment  Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags front and rear, three-point inertia-reel seath on all seats with belt stopper, belt tensioner and belt force limiter at the front passenger.  Steering  Electric Power Steering (EPS), optional: Integral Active Steering  Steering ratio, overall  17.0			
on all seats with belt stopper, belt tensioner and belt force limiter at the from the seats and belt force limiter at the from the seats and seats	Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Steering Electric Power Steering (EPS), optional: Integral Active Steering Steering ratio, overall :1 17.0			on all seats with belt stopper, belt tensioner and belt force limiter at the front,
optional: Integral Active Steering Steering ratio, overall :1 17.0			crash-active front head restraints, crash sensors, tyre pressure indicator
Steering ratio, overall :1 17.0	Steering		g
	<u> </u>		
Tyres trontiteat 275/60 RT7 999		:1	
Rims, front/rear 7.5J x 17 light-alloy	Tyres, front/rear		

		BMW 620d Gran Turismo
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios	1 :	1 5.250
	II :	3.360
	III :	1 2.172
	IV :	1.720
	V :	1.136
	VI :	1.000
	VII :	1 0.823
	VIII :	1 0.640
	R :	1 3.712
Final drive	:	1 3.077
Performance		
Power-to-weight ratio (DIN	l) kg/kV	V 13.1
Output per litre	kW	70.2
Acceleration 0-100 kr	n/h	s 7.9
Top speed	km/	h 220
BMW EfficientDynamic	 S	
BMW EfficientDynamics		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratio
standard features		with recuperation display, Auto Start Stop function, ECO PRO and COMFOR 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
Fuel Consumption ECE		
Urban	l/100 kr	n 5.1 – 5.0
Extra-urban	l/100 kr	n 4.2 – 4.1
Combined	l/100 kr	n 4.6 – 4.4
CO <sub>2</sub>	g/kr	n 120 – 116
Emission rating		Euro 6d

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

The fuel consumption, CO<sub>2</sub> emissions and electric power consumption figures were 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 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 CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO<sub>2</sub> 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/.

<sup>&</sup>lt;sup>1)</sup> Height including roof fin <sup>2)</sup> Oil change

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

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		BMW 630d xDrive Gran Turismo
		Diffe Good ADING Grain Furishio
Body		
No of doors/seats		5/5
Length/width/height 1)	mm	5091 / 1902 / 1540
(unladen)		
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)		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,	kg	12307 1110
braked (12%)/unbraked	Ng	2100 / 750
Max roofload/max towbar	kg	75 / 100
download	ĸg	737 100
Luggage comp capacity	1	600 – 1800
Air resistance	C <sub>d</sub> x A	0.25 x 2.54
All resistance	Cd X A	0.23 X 2.34
Power Unit		
		la Kaa LC LA
Config/No of cyls/valves	DI	In-line / 6 / 4
Engine technology		MW TwinPower Turbo technology: multi-stage turbocharging, low-pressure
	τ	rurbocharger with variable inlet geometry, common-rail direct injection with
Effect!		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
at	rpm	1500 – 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
40 V Battery/installation	7-117	117 engine comparament
Driving Dynamics and Safety	,	
Suspension, front		buble-wishbone axle in aluminium construction with separate lower track arm.
, , , , , ,		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear	F	ive-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	Sto	andard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Driving stability systems	010	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
	Fa	ding Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
	ı a	with DSC; optional: Adaptive suspension, Executive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Jaiety Equipment		ont 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,
	O	crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Otechnia		3 · · · //
Stooring ratio overall	.1	optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear Rims, front/rear		225/60 R17 99Y 7.5J x 17 light-alloy

			BMW 630d xDrive Gran Turismo
Transmission			
Type of transmission			Eight-speed Steptronic transmission
Gear ratios		:1	5.500
		: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 0–1	00 km/h	S	5.9
Top speed		km/h	250
BMW EfficientDyna	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, BMW Blue Performance technology with SCR catalytic converter
Fuel Consumption	ECE		
Urban		l/100 km	6.7 – 6.4
Extra-urban		l/100 km	4.6 – 4.4
Combined		l/100 km	5.3 – 5.1
CO <sub>2</sub>		g/km	140 – 135
Emission rating			Euro 6d

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

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The values are 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 CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

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<sup>&</sup>lt;sup>1)</sup> Height including roof fin <sup>2)</sup> Oil change