



SL 65 AMG Black Series



Mercedes-Benz

As any aficionado of automotive spy photos will confirm, concealment makes the object of desire all the more alluring. It was this same sense of curiosity, combined with a real passion for automotive engineering, that prompted us to probe the limits of what is technically possible, to redefine performance and to open up a new

dimension of compelling driving pleasure. Driven by the question of how to create a car which not only raises the benchmark set by the legendary SL-Class, but which takes it to a significantly higher level, we found the answer in the form of the SL 65 AMG *Black Series*, a high-performance coupé.



Even under wraps, it has the power
to capture the imagination

The SL 65 AMG *Black Series* High Performance Coupé



The new technology and new design of the SL 65 AMG *Black Series* identify it clearly as a high-flier which is hungry for movement and the open road. Although proud to bear the SL name, it has little more than the two-letter model designation in common with the rest of the family. Indeed, the body is an almost entirely new

design, with only the doors and exterior mirrors remaining unchanged. The rigid carbon-fibre roof with a more backswept coupé roof line gives it a character which is as exciting as it is distinctive. Are you ready to go?

When you have everything, it's surprising how much you can do without: superfluous weight, for example. The SL 65 AMG *Black Series* is a case in point. Despite its more muscular performance, it is 250 kilos lighter than the SL 65 AMG. And that weight has been trimmed off in the areas that make the greatest difference. Dispensing with the vario-roof and its hydraulic mechanism, for example, lowers not only the weight of the vehicle, but also its centre of gravity. Then there's the almost

profligate use of carbon fibre: it can be found inside and out, from the front apron, bonnet and front wings to the boot lid. Team up this reduced mass with the increased muscle power from the engine and the result is a new dimension of driving dynamics.



No matter how uplifting the driving experience, it's important to keep one's feet on the ground. That's why the flared rear wheel arches are filled out with the new 11.5 x 20-inch, one-piece AMG forged wheels with 325/30 ZR 20 tyres. The resulting road-hugging look of the SL 65 AMG *Black Series* is an authentic reflection of its superbly assured handling characteristics. Incidentally, the new bichromatic design with a matt finish is also reserved exclusively for this high-performance coupé.





The genetic make-up of the SL65 AMG *Black Series* can be traced back to a laboratory where most of the development staff are dressed not in white coats but in overalls and full-face helmets: it is the world of motorsport. The evidence is plain to see: there is the diffuser-look rear apron made from visible-structure carbon fibre, for example, and, of course, the rear spoiler with automatic speed-dependent deployment (almost a prerequisite in vehicles in this power category) which merges

harmoniously into the design of the rear when not extended. A more conspicuous touch is provided by the new, two-pipe AMG sports exhaust system with reduced back pressure which provides the perfect soundtrack to accompany the engine as it delivers its prodigious (not to say unheard-of) performance.

Admittedly, the daily commute to the office will offer few, if any, opportunities to make use of the full potential of the SL 65 AMG *Black Series*. Nevertheless, it is difficult to imagine getting much closer to an authentic experience of the world of motorsport in a "street legal" vehicle. This authenticity is reflected not only in the power and driving dynamics, but also in the superb feeling of absolute control at all times. The enhanced steering system plays a significant role in this. As well as having hydraulic valve logic with a sportier set-up, the car's overall gear ratio has been modified for the new wheel carriers and the new arrangement of the tie rod ends. As a

result, the steering response is now even more direct. There are, of course, plenty of external pointers to the sporting genes under this model's skin. Like the powerful, muscular front design which is dominated by the air outlets in the bonnet and the distinctive front apron with large cooling air intakes and the front splitter, again in carbon fibre, of course.



The authentic look, feel and ambience of the world of motorsport is also communicated by the cockpit design, ergonomics and technology which deliver an extremely compelling driving experience; an experience which begins with a press of the start button in the centre console. A superb feeling of control is provided by the AMG performance steering wheel while the aluminium shift paddles put the functionality of the AMG SPEEDSHIFT PLUS 5-speed automatic transmission at your fingertips.



In addition to its automatic double-declutching function, this transmission has "Comfort", "Sport" and "Manual" shift programmes, with the latter allowing you to choose between very short and extremely short shift times. The optimum shift point is indicated by an LED display in the rev counter of the new AMG instrument cluster.





The top-flight cockpit design is also reflected in the AMG carbon-fibre bucket seats. Finished in black nappa leather and Alcantara, these ensure that the occupants can enjoy optimum contact with the vehicle and the road in all driving situations. A look at the rest of the cockpit confirms that, along with the motorsport

components, only the most exclusive materials have been used: carbon fibre, nappa leather and Alcantara. Another key feature of the cockpit is entirely hidden from view: the roll-over bar integrated in the roof forms part of the comprehensive safety concept.

Concentrated power, exclusive sportiness, top performance, compelling and highly advanced technology – all this is created in the AMG *PERFORMANCE STUDIO* in Affalterbach. For drivers who are as passionate about dream cars as AMG's own engineers and drivers. The SL 65 AMG *Black Series* is further evidence of the consistent implementation of this passion. Indeed, it takes it close to the very limit of what is possible in the field of driving dynamics. Consider the AMG coil-over suspension: decades of experience in motorsport have gone into the design of its adjustable compression and rebound stages. Set up perfectly for the newly

developed front and rear axles with their wheel carriers and suspension struts as well as the wider track, it ensures that you can count on superior handling in every situation. And then there are all the other engineering highlights, such as the active rear-axle cooling system, the rear differential lock with a locking effect of up to 40% and the Electronic Stability Program (ESP®) which can be set to ON, SPORT, or OFF. So now you can choose whether to let the car set the limits or to experience its handling on your own terms.

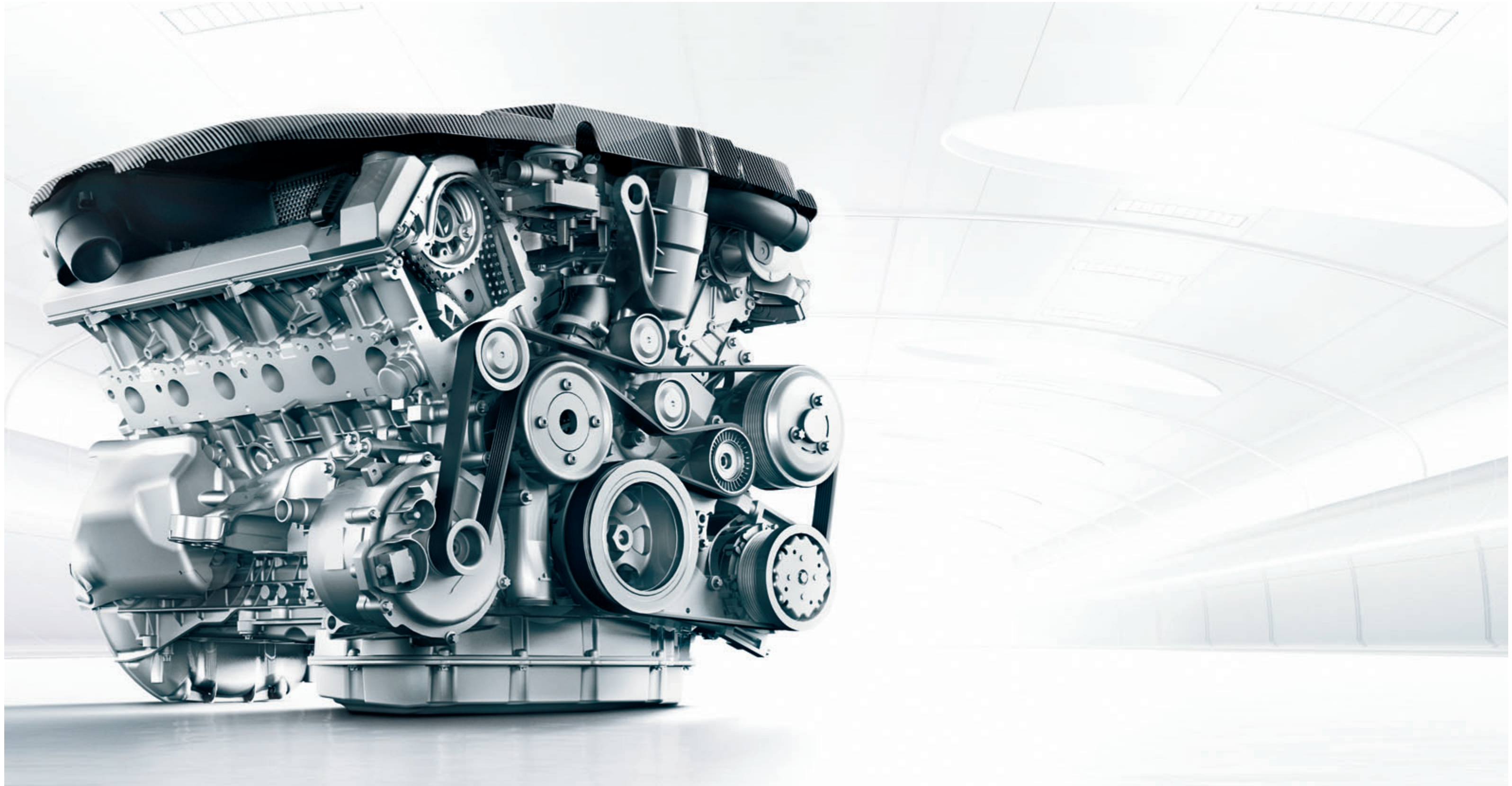
The AMG *PERFORMANCE STUDIO*. A name that also embodies a great promise

Our dream factory is in Affalterbach

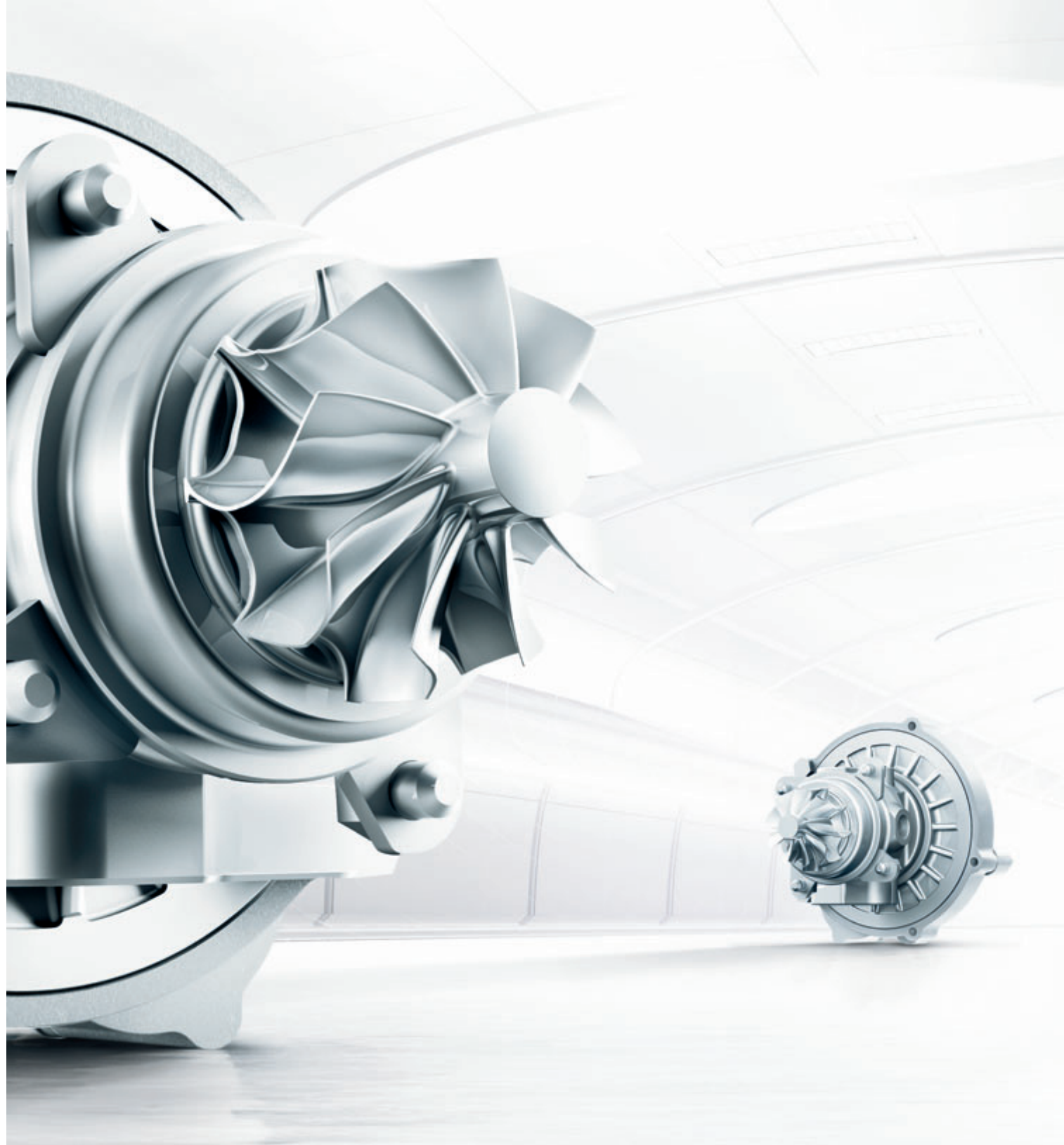


“One man – one engine”: Mercedes-AMG in Affalterbach has always followed this principle which requires that building and testing an engine is the responsibility of the same specialist, from start to finish. And once everything is working perfectly, the engine is fitted with a plate bearing the signature of its creator. This means that AMG drivers can be confident that even a high-performance engine like the AMG 6.0-litre V12 biturbo in the SL 65 AMG *Black Series* will run reliably and durably

whatever the conditions. Of course, before the engine reaches this stage, it has already been given an excellent start in life by the development department: with numerous design details which result in extremely high reserves of power and optimum responsiveness. Further improvements to the cylinder air throughput and engine cooling properties were achieved in this way. The result: 493 kW (670 hp) and a breathtaking 1000 Nm of electronically limited torque available from 2200–4200 rpm.



“Nothing is so good that it can’t be made even better.” This philosophy could have originated in the AMG *PERFORMANCE STUDIO*. One of the many examples of it is to be found in the form of the turbocharger of the AMG V12 biturbo engine in the SL 65 AMG *Black Series*. Because the volume of compressed air which is forced into the combustion chambers ultimately has a decisive influence on the power and responsiveness of an engine, the cross-section of the compressor wheel has been increased once again. You could say that we’re even able to make the most out of thin air.



Number/arrangement of cylinders	12/V
Total displacement	5980 cc
Rated output ¹	493 kW/670 hp at 5400 rpm
Rated torque ¹	1000 Nm at 2200–4200 rpm
Max. engine speed	6000 rpm
Acceleration 0–100 km/h	3.8 s
Acceleration 0–200 km/h	11.0 s
Top speed ²	320 km/h
Consumption ³ urban ⁴	22.0 l/100 km
Consumption ³ extra-urban ⁴	10.0 l/100 km
Consumption ³ combined ⁴	14.4 l/100 km
CO ₂ emissions	344 g/km
Kerb weight ⁵	1870 kg
Wheels front:	9.5 x 19 rear: 11.5 x 20
Dunlop Sport Maxx GT tyres front:	265/35 ZR 19 rear: 325/30 ZR 20

¹ Figures according to Directive 80/1269/EEC in the currently applicable version ² Electronically governed ³ The figures shown were obtained in accordance with the prescribed measuring process (Directive 80/1268/EEC in the currently applicable version). The figures are not based on an individual model and do not constitute part of the product offer; they are provided solely for purposes of comparison between different vehicle models ⁴ Super Plus unleaded ⁵ Figures according to Directive 92/21/EC as amended by 95/48/EC (kerb weight with fuel tank 90 % full, driver, 68 kg, and luggage, 7 kg) for standard-specification vehicles. Optional extras and accessories will generally increase this figure and reduce the payload capacity accordingly

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¹Applies in accordance with national regulations to vehicles up to 3.5 tonnes gross weight. AMG vehicles have met the statutory regulations governing the suitability of their design for reuse and recycling for a number of years now. A network of vehicle take-back depots and dismantlers has been established which will process your vehicle in an environment-friendly manner. The ways in which both vehicles and parts can be recovered are subject to ongoing development and improvement. Consequently, an AMG vehicle will be able to comply with any future increases in the recycling quota within the stipulated time limits. Further information is available at www.mercedes-benz.com or by calling 00800 1 777 7777.

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