



Quick Reference Guide

2021 Mercedes-Maybach S-Class Sedan

Models & MSRP

- Mercedes-Maybach S 580 4MATIC Sedan \$184,900* arriving at U.S. dealers in mid-2021

**Above price excludes \$1,050 destination & delivery*

What's New

- Unique and distinctive Mercedes-Maybach design, including Maybach exclusive features and highlights:
 - Maybach-exclusive front bumper, radiator grille with Maybach lettering, illuminated Maybach emblem on C-Pillar, 19-21" Maybach-exclusive wheel portfolio and Maybach exclusive two-tone exterior paints
 - Engine hood trim strip, illuminated seamless door handles and Maybach door sill panels in stainless steel illuminated in the front and rear
 - Mercedes-Maybach logo projector in the exterior mirrors and Maybach taillamp animation
 - In the interior, *designo* leather headliner, *designo* backrest trim in wood, Maybach-specific seat graphic, Maybach pedal cluster and Maybach-specific scent
- Newly designed stretched hood, C-Pillar flowing into the sculpted shoulder, dynamically designed rear window
- Redefined dimensional concepts (Increased length, width, wheelbase and track width)
- Next level of Intelligent Drive and driver assistance systems included as standard
- New 'Maybach' DYNAMIC SELECT mode provides maximum ride comfort
 - Smoother accelerator characteristics for Chauffeur mode
 - Even more comfortable, low-shift transmission configuration
 - Maximum comfort achieved by starting off in 2nd gear
- New-generation Mercedes-Benz User Experience (MBUX) infotainment system with advanced Voice Control ("Hey Mercedes") and 50% more processing power compared to the previous system
- Advanced LED technology enables interactive interior ambient lighting – for example, by supporting driver assistance systems visually or by flashing to identify the current speaker when interacting with MBUX
 - Adaptive rear lighting is celebrating its premiere with the Mercedes-Maybach, allowing occupants to adjust the brightness, size and position of the light spot with a wide adjustment range between a precise bright light or relaxing lounge light
- All-new, progressive interior design with new-generation steering wheel with Capacitive Touch Control Buttons, 12.3" Digital Instrument Cluster, 12.8" Touchscreen OLED multimedia display (first in a Mercedes-Benz) in center console, with potential for up to five screens in the front and rear (including rear tablet)
- All-new 3D Digital Instrument Cluster provides additional visual warnings and functionalities as part of the driver assistance systems, including a three-dimensional spatial display that provides a comprehensive view of the vehicle's surroundings
- With the 3D Digital Instrument Cluster, ATTENTION ASSIST functionality is enhanced with microsleep warning using an infrared driver camera that registers driver characteristics such as facial expression and eyelid movement to recognize distraction and drowsiness
- All-new Augmented Reality Head-Up Display system further supplements MBUX and Augmented Video for Navigation with driver assistance systems and navigation information by generating and projecting images directly in the driver's field of vision
- All-new Burmester® High-End 4D Surround Sound System with up to 1,750 watts, 30 high-end speakers and 2 resonators in each seat to create entirely new audio experience for all passengers

- New turbocharged engine with EQ Boost and 48-volt technology
- All-new standard rear-axle steering system reduces the turning radius by up to 7 feet; available in two variants depending on wheel selection: up to 4.5 degrees, or up to 10 degrees
- All-new rear airbags offer advanced protection for passengers with an innovative deployment and inflation concept, allowing them to adapt to rear seat passengers and deploy in a gentle manner to reduce the effect of an impact
- All-new electronically-operated comfort rear doors allow rear doors to be conveniently opened and closed with little force even on a gradient. The rear doors can also be operated from the driver's seat – an important function when chauffeur-driven.
- New near-ear speakers integrated into the front seats for personalization – for example, only the driver can hear navigation instructions
- Comfort headrest available for front seat passengers and neck/shoulder heating for rear-seat passengers
- Automatic seat belt extender included in the rear of a sedan for the first time
- Climate controlled seats with six radial fans for enhanced seat-cooling capabilities
- Enhanced massage functionality for all passengers, including calfrest massage
- Enhanced ENERGIZING Comfort health and wellness system boosts drivers' attentiveness and well-being while reducing sleepiness and stress through programs that intelligently combine comfort and vehicle functions. With the Active Multicontour Massage Seats, Maybach customers can now choose from 10 programs with two levels of intensity and durations from 8-18 minutes

Maybach Sedan Standard Feature Highlights

- New-generation MBUX Infotainment & Navigation system with Voice Control, including Natural Language Understanding and Keyword Activation (“Hey Mercedes”)
- MBUX Augmented Video for Navigation
- 12.3” Digital Instrument Cluster & 12.8” OLED Touchscreen Center Display
- Fingerprint Sensor for biometric authentication of the driver to activate profile
 - MBUX profile can be activated by biometric authentication, voice control and facial recognition
- New-generation Multifunction Steering Wheel with Capacitive Touch Control Buttons
- 64-color Active Ambient Lighting with Maybach Illuminated Door Sill Panels
- Rapid-Heating and Ventilating, Active Multicontour Front Seats with Massage, 4-Position Memory, Lumbar Support and Front Comfort Headrests
- Exclusive Maybach Leather Upholstery (Exclusive Maybach Nappa Leather Upholstery on S 580 4MATIC)
- LED Intelligent Light System with Adaptive Highbeam Assist and LED Taillamps
- KEYLESS-START®
- KEYLESS-GO® with Seamless Door Handles
- Wireless Smartphone Integration with Apple CarPlay and Android Auto
- Wireless Charging in Front and Rear
- DYNAMIC SELECT
- Air Balance Package with ionization and active fragrance
- Driver Assistance Package (features detailed below)
- Enhanced ATTENTION ASSIST
- 360-Degree Surround View Camera with new 3D View Assist allows the driver to easily and conveniently park, unpark and negotiate tight spaces
- MAGIC VISION CONTROL
- Soft Close Doors
- Toll Gate Transponder
- Powered Rear Sun Blinds in doors and rear window
- 6 USB-C Ports (4 front, 2 rear) for convenient power supply for mobile devices and tablets, all with quick-charging capabilities
- Panorama Sunroof
- 20” Maybach wheels
- AIRMATIC Air Suspension
- Burmester® High-End 4D Surround Sound System

- Active road noise compensation suppresses noise by reducing unwanted low-frequency noises using counter-phased sound waves to create a very quiet interior cabin
- 3D Technology Package with 3D Instrument Cluster and MBUX Augmented Reality Head-Up Display (AR-HUD)
- Active Multicontour Rear Seats with luxurious easy adjust headrests with occupant restraint protection, and neck and shoulder heating
- Rear Passenger Airbag and Rear Beltbags
- 4-Zone Climate Control
- Rear ENERGIZING Comfort Package
- MBUX High-End Rear Seat Entertainment system with MBUX rear tablet, two wireless headsets and two integrated high-resolution 11.6" touchscreens with full-HD camera and microphone, allowing each user to integrate their own media through various interfaces, creating a personalized experience with the option to interact and share content with other passengers
- Warmth & Comfort Package with Heated Steering Wheel, Heated Front and Rear Armrests, Rear Seat Heating, Electronic and Memory Rear Seats and Energizing Comfort health and wellness system that boosts drivers' attentiveness and well-being while reducing sleepiness and stress

Maybach Sedan Optional Feature Highlights

- 10 Maybach-exclusive two-tone paint options
- Executive Rear Seat Plus, including:
 - First-Class rear compartment with 4-seat configuration, continuous, electric rear center console, two folding tables, two temperature-controlled cup holders, illuminated stowage compartment with 12V socket, wood trim with Maybach-emblem underneath the head rack, two additional USB ports and two HDMI ports
- Electronically-operated comfort rear doors
- Refrigerated compartment
- Champagne flutes and champagne flute holders

Maybach Sedan Technical Feature Highlights

- **OLED (Organic Light Emitting Diode) Screen** (standard): In the Maybach, the OLED display is located behind a glass facing, in combination with the actuators and pressure sensors behind it that provide a comprehensive control and display experience. Evaluation of the pressure exerted and haptic confirmation of touch commands makes extended functionalities possible. Furthermore, OLED panels emit light when subjected to an electric current, and do not require external background lighting, so power is only consumed where pixels light up, ensuring a better black level and even stronger contrast. When showing typical video sequences, OLED technology has up to 30 percent lower energy consumption than LCD technology.
- **Burmester® High-End 4D Surround Sound System** (standard): This unique 4D experience uses speaker-like resonators featuring sound massage with surround speakers integrated into the seats, and clear voice reproduction. The system is equipped with 30 high-end speakers, all with their own amplifier channel with digital and analogue filters producing a total output of up to 1,750 watts, including an amplifier with an output of 400 watts for the subwoofer bass speaker in the trunk. The 4D experience includes a sound personalization function for sound reproduction, VIP seat function to optimize the sound for individual seats along with multichannel audio formats and five different sound profiles including: Pure, Live, Easy Listening, Surround and 3D-Sound.
- **Rear-Axle Steering** (standard): The steering angle at the rear axle is up to 4.5 or 10 degrees depending on the wheel selection (staggered or non-staggered), allowing impressive maneuverability and agility on narrow city streets. At the same time the handling benefits from a virtual extension of the wheelbase at higher speeds:
 - The turning radius of the Maybach S-Class is reduced by up to 7 feet (almost two meters).
 - This extraordinary maneuverability and agility is also achieved by combining the rear-axle steering with a more direct front-axle steering ratio.
 - Integrated actuation of the steering and brakes makes handling even more precise and stable in dynamic situations.

- **48-Volt on-board electrical system technology with EQ Boost** (standard): The engine found in the Mercedes-Maybach S 580 4MATIC is supplemented with a powerful and efficient Integrated Starter Generator. This integrated electric motor system, known as EQ Boost, assists the combustion engine by adding up to 21 hp for short periods of time. EQ Boost also assists when accelerating, making driving without the combustion engine turned on possible ("sailing") and supplies the battery with power by means of high-efficiency recuperation. By doing so, it makes fuel savings possible that were previously the exclusive domain of high-voltage hybrid technology.
- **Mercedes-Benz User Experience (MBUX; standard)**: A revolutionary multimedia system featuring innovative technology based on Artificial Intelligence and an intuitive operating system. MBUX is pioneering a new level of in-car experience. The system can be operated by a new generation of Voice Control, the center touchscreen, and/or by the Touch Control Buttons on the steering wheel. The system has learning capabilities and intelligent Voice Control with Natural Language Understanding and a verbal cue of "Hey Mercedes."
 - **Augmented Video for Navigation** (standard): When the navigation function is active, a video image of the surroundings is enhanced with arrows or house numbers automatically superimposed directly onto the image in the media display.
 - **Augmented Reality Head-Up Display** (AR-HUD; standard): Augmented Reality for Head-Up Display further supplements MBUX and Augmented Video for Navigation with driver assistance systems and navigation information by generating and projecting images in the Head-Up Display, directly in the driver's field of vision.
- **3D Instrument Cluster** (standard): Three-dimensional warnings and functions of the driver assistance systems are immediately noticeable with striking 3D and shaded effects, such as 3D images of cars, trucks, buses or motorcycles surrounding the vehicle.
- **ENERGIZING Comfort** (standard): enhanced health and wellness system boosts drivers' attentiveness and well-being while reducing sleepiness and stress through available programs that intelligently combine comfort and vehicle functions such as climate control and lighting.
- **Driver Assistance Systems** (all systems standard): The Maybach is standard-equipped with the latest driver assistance technology including intelligent hands-off detection. The Driver Assistance Package includes:
 - **Active Distance Assist DISTRONIC®** is an adaptive cruise control system that is able to automatically adjust your set speed for traffic ahead.
 - **with Route-Based Speed Adaptation:** the vehicle is able to reduce the speed in anticipatory mode by referencing map data ahead of curves, junctions, roundabouts, toll booths and exit roads.
 - **Active Stop-and-Go Assist** is able to keep the vehicle within the lane and maintain a safe distance with a high level of availability at speeds up to 35 mph. With the extended restart function, the vehicle can restart automatically up to one minute after coming to a stop.
 - **Active Steering Assist** generates steering torque which helps the driver to stay in the center of the lane on straight roads and slight bends, taking its guidance from vehicles ahead and lane markings
 - **with Active Emergency Stop Assist:** brakes the vehicle to a stop in a controlled manner when the system recognizes that the driver is distracted for a longer period or cannot intervene.
 - **and Active Lane Change Assist:** assists the driver in a convenient and cooperative manner when making lane changes.
 - **Active Brake Assist with Cross-Traffic Function** is able to help the driver avoid impending collisions with vehicles ahead, or when turning across the oncoming lane, the system will also assist with stationary or crossing vehicles and pedestrians, if the driver fails to take action quickly enough.
 - **Turn-off function of Active Brake Assist:** activation of Active Brake Assist with Cross-Traffic Assist when turning across the opposite lane. If there is a risk of collision when turning across the path of oncoming vehicles, the vehicle will be braked when traveling at low speeds.

- **Active Speed Limit Assist with Traffic Sign Assist** utilizes map data and information from Traffic Sign Assist to automatically adapt the vehicle's speed.
- **Active Blind Spot Assist** is able to provide the driver with a visual alert, plus an audible alarm when a turn indicator is activated, to warn the driver if another vehicle is detected in the blind spot area. It can also help avoid a collision by single-sided braking if a lane change is still attempted with an obstacle in the blind spot.
 - **with Exit Warning:** offers enhanced protection when getting out of the car, a visual warning for passengers displayed in the exterior mirror if a car or bicycle is driving past the vehicle. If the driver tries to open the door, an additional audible warning sound and ambient door lighting will start to flash red.
- **Active Lane Keeping Assist** is able to warn the driver by means of vibrations of the steering wheel when the vehicle is unintentionally drifting out of its lane. If the vehicle passes over a solid line, or a dashed line when opposing traffic is detected, this system can pull the vehicle back into its lane by applying the brakes on one side.
- **Car-to-X Communication** is a system in which the vehicle simultaneously acts as a receiver and transmitter, conveying warning messages and evaluating driving conditions, effectively allowing the driver to “see” much further down the road.
- **Active Parking Assist with PARTRONIC** and 360° camera make it possible to enter and leave parallel and end-on parking spaces automatically.
- **PRE-SAFE® PLUS with PRE-SAFE® Sound** activates the PRE-SAFE safety measures when a collision from behind is imminent as well as applying the brakes when the vehicle is at a standstill in order to prevent subsequent accidents. PRE-SAFE® Sound emits a short interference signal if an imminent collision is detected, triggering a protective reflex in the human ear referred to as the “stapedius reflex,” which can help reduce hearing loss in the event of an accident.
- **PRE-SAFE® Impulse Side** preventatively moves the driver or front passenger up to 2.75-inches away from the impact zone to the side by rapidly inflating the seat’s side bolster, reducing the load on the occupant during an accident if a lateral collision is detected by the system.
- **Rear Airbag** (standard): Cylindrical, tubular structures are inflated with compressed gas and deploy a wing-shaped structure. A large, tent-like airbag deploys between the two wings, and this is inflated by the surrounding air via specially patented valves in the skin. This takes place with comparatively low force and a low risk of injury, as the tubular wings give way to obstacles. The airbag enhances the restraining effect of the belt system, and can support the head and neck to decrease the loads on them significantly.
- **Toll Gate Transponder** (standard): With a payment account set up via the Mercedes me Connect app, the built-in toll gate transponder will work with all major toll roads in the U.S. and select airport parking structures.
- **MAGIC VISION CONTROL** (standard): This innovative and highly efficient windscreen wiper system ensures greater visibility and greater safety by adjusting the water quantity to the situation by taking into account the ambient temperature, vehicle speed and other factors to spray washer fluid directly onto the windscreen in front of the wiper blades, precisely where it is required.

Model Positioning

- The Mercedes-Maybach brand represents the manifestation of sophisticated luxury in its most advanced form. The new-generation Mercedes-Maybach S-Class demonstrates an elegant combination of sublime beauty, refinement and tailored craftsmanship, alongside its industry-leading innovations in terms of intelligent drive, connectivity and driving comfort. This dedication to the highest form of status and style is apparent in the exceptional design of Mercedes-Maybach models: from supreme quality material and carefully hand-painted colors, to highly exclusive and Maybach-specific design elements and features that underline the Mercedes-Maybach sedan as the absolute pinnacle of sophisticated luxury.

At a Glance

	Maybach S 580 4MATIC Sedan
MSRP	\$184,900
Length	215.3"
Width w/ mirrors (w/o mirrors)	83.0" (75.6" with seamless door handles)
Height	59.4"
Wheelbase	133.7"
Curb Weight (lbs)	TBA
Fuel Economy (city/hwy/comb)	TBA
Engine	4.0L V8 Biturbo with EQ Boost
Displacement	3,982 cc
Drive Config.	4MATIC All-Wheel Drive
Performance	Internal Combustion Engine: 496 hp @ 5,500 rpm 516 lb-ft @ 2,000 – 4,000 rpm
EQ Boost	Up to 21 hp Up to 184 lb-ft
Transmission	9G-TRONIC 9-Speed Automatic
0-60 mph (sec)	TBA
Top speed (mph)	130 (electronically limited)
Main Competitors	Bentley Flying Spur

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Media Contacts

Michael Minielly michael.minielly@mbusa.com
Catherine Edwards catherine.edwards@mbusa.com

More information about Mercedes-Benz is available online at www.media.mbusa.com.