



Quick Reference Guide

2022 Mercedes-Benz S-Class Sedan

Models & MSRP

- Mercedes-Benz S 500 4MATIC Sedan \$111,100*
- Mercedes-Benz S 580 4MATIC Sedan \$117,700*

**Above prices exclude \$1,050 destination and delivery charge*

What's New for MY22

- MBUX Interior Assist Front now standard
- Center Console in Metallic Black/Silver now available
- Center Console with Black Dotted Lines now available
- New paint options include:
 - Nautical Blue Metallic
 - Kalahari Gold
 - MANUFAKTUR Cashmere White Magno
 - MANUFAKTUR Selenite Grey Magno
- E-ACTIVE BODY CONTROL suspension now available, featuring Road Surface Scan and Curve drive program

S-Class 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 Illuminated Door Sill Panels
- Rapid-Heating and Ventilating, Active Multicontour Front Seats with Massage, 4-Position Memory, Lumbar Support and Front Comfort Headrests
- Leather Upholstery (Nappa Leather Upholstery on S 580 4MATIC)
- LED Intelligent Light System with Adaptive Highbeam Assist
- LED Taillamps
- KEYLESS-START®
- KEYLESS-GO® with Seamless Door Handles
- Wireless Smartphone Integration with Apple CarPlay and Android Auto
- Wireless Charging in Front
- DYNAMIC SELECT
- Air Balance Package with ionization and active fragrance
- Driver Assistance Package (features detailed below)
- 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) and 115V Power Supply (rear) for convenient power supply for mobile devices and tablets, all with quick-charging capabilities
- Burmester® 3D Surround Sound System with Sound Personalization
- Panorama Sunroof
- 19" Wheels
- AIRMATIC Air Suspension

S-Class Sedan Optional Feature Highlights

- **Luxury Line**
 - Optional Feature Highlights include:
 - Burmester® High-End 4D Surround System
 - 3D Technology Package with 3D Instrument Cluster and MBUX Augmented Reality Head-Up Display (AR-HUD)
 - Warmth & Comfort Package with Heated Steering Wheel, Heated Front and Rear Armrests, Rear Seat Heating, Electronic Rear Seats with Memory, and ENERGIZING Comfort health and wellness system that boosts drivers' attentiveness and well-being while reducing sleepiness and stress
 - Heated Steering Wheel
 - Exclusive Nappa Leather Upholstery
 - Choice of high-end Trim Options
 - 20" 10-Spoke Wheels
 - E-ACTIVE BODY CONTROL suspension
- **AMG Line**
 - AMG Body Styling, AMG Floor Mats, AMG Wheels
 - Optional Feature Highlights include:
 - Night Package
 - 4.5-Degree Rear-Axle Steering
 - Burmester® High-End 4D Surround System
 - 3D Technology Package with 3D Instrument Cluster and MBUX Augmented Reality Head-Up Display (AR-HUD)
 - Warmth & Comfort Package with Heated Steering Wheel, Heated Front and Rear Armrests, Rear Seat Heating, Electronic Rear Seats with Memory, and ENERGIZING Comfort health and wellness system that boosts drivers' attentiveness and well-being while reducing sleepiness and stress
 - Heated Steering Wheel
 - Exclusive Nappa Leather Upholstery
 - Choice of high-end Trim Options
 - 20" and 21" AMG Multispoke Wheels and AMG Multispoke Wheels with black inlays (with Night Package)
 - E-ACTIVE BODY CONTROL suspension
- **Executive Line** (exclusively available for S 580 4MATIC Sedan)
 - Active Multicontour Rear Seats with luxurious Easy Adjust Headrests with occupant restraint protection, and neck and shoulder heating
 - Electric Adjustable Rear Seats
 - Rear Passenger Airbag and Rear Beltbags
 - 4-Zone Climate Control
 - Rear ENERGIZING Comfort Package
 - MBUX Rear Tablet and 2 Wireless Headsets
 - Rear Wireless Charging
 - MBUX High-End Rear Seat Entertainment system with 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 Rear Seats with Memory, and ENERGIZING Comfort health and wellness system that boosts drivers' attentiveness and well-being while reducing sleepiness and stress
- 10-Degree Rear Axle Steering
- Optional Feature Highlights include:
 - Exclusive Nappa Leather upholstery
 - Burmester® High-End 4D Surround System
 - 3D Technology Package with 3D Instrument Cluster and MBUX Augmented Reality Head-Up Display (AR-HUD)
 - Choice of high-end Trim Options
 - 20" 10-Spoke Wheels
 - E-ACTIVE BODY CONTROL suspension

S-Class Technical Feature Highlights

- **OLED (Organic Light Emitting Diode) Screen** (standard): In the S-Class, the OLED display is located behind a glass facing, and in combination with the actuators and pressure sensors behind it, provides 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** (available): 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** (available): With available rear-axle steering, the S-Class is as maneuverable as a compact car. The steering angle at the rear axle is up to 4.5 or 10 degrees, 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:
 - With all-wheel steering and the 10-degree steering angle at the rear, the turning radius of the S-Class is reduced by up to 7 feet. This gives the long-wheelbase S-Class a turning circle of less than 36 feet.
 - 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 Integrated Starter Generator** (standard): The engines found in the S 500 4MATIC and S 580 4MATIC are supplemented with a powerful and efficient Integrated Starter Generator. This integrated electric motor system assists the combustion engine by adding up to 21 hp for short periods of time. It 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.
- **E-ACTIVE BODY CONTROL** (available): Adds semi-supporting hydropneumatics to the air suspension. The air springs bear the base load of the vehicle body and gradually regulate the level. The hydropneumatics generate dynamic forces that overlay the air suspension forces, and actively support and dampen the vehicle body. At each wheel, a damper is installed within the axle whose two working chambers have an adjustable damping valve and a hydraulic pressure reservoir. The damper is connected to an intelligent motor/pump unit in the 48 V network by hydraulic lines. Actuation of the motor/pump unit enables the

hydraulic fluid to be displaced to create a difference in pressure within the damper, allowing an active force to be generated. The motor/pump units at all four wheels are coordinated by a central control unit which also actuates the valves and the compressor for the air springs, and therefore always controls the entire suspension system.

- **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; available): 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** (available): 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** (available): 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 S-Class 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 Passenger Airbag** (available): 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-Benz S-Class is the flagship of the Mercedes-Benz model range, representing a seamless combination of luxurious form and intelligent function thoughtfully executed down to the smallest detail. The S-Class consistently embodies the brand’s very best thinking, with human-centered innovations supported by 135 years of automotive expertise delivering unparalleled levels of comfort, refinement and tailored craftsmanship. The launch of every new S-Class represents an important milestone for Mercedes-Benz. This next generation S-Class is poised to take comfort, safety and the overall driver and passenger experience to a completely new level and set new standards not only for the company, but for the industry as a whole.

At a Glance

	S 500 4MATIC Sedan	S 580 4MATIC Sedan
MSRP	\$111,100	\$117,700
Length	208.2”	

Width w/ mirrors (w/o mirrors)	83.0" (76.9")	
Height	59.2"	
Wheelbase	126.6"	
Curb Weight (lbs)	TBA	TBA
Fuel Economy (city/hwy/comb)	TBA	TBA
Engine	3.0L Inline-6 Turbo with 48-Volt Mild Hybrid system and Electric Auxiliary Compressor	4.0L V8 Biturbo with 48-Volt Mild Hybrid system
Displacement	2,999 cc	3,982 cc
Drive Config.	4MATIC All-Wheel Drive	4MATIC All-Wheel Drive
Performance	Internal Combustion Engine: 429 hp @ 5,500 – 6,100 rpm 384 lb-ft @ 1,600 – 4,500 rpm ISG*: Up to 21 hp Up to 184 lb-ft	Internal Combustion Engine: 496 hp @ 5,500 rpm 516 lb-ft @ 2,000 – 4,000 rpm ISG*: Up to 21 hp Up to 184 lb-ft
Transmission	9G-TRONIC 9-Speed Automatic	9G-TRONIC 9-Speed Automatic
0-60 mph (sec)	4.8	4.4
Top speed (mph)	130 (electronically limited)	130 (electronically limited)
Main Competitors	Audi A8 BMW 7 Series Porsche Panamera Lexus LS	

*ISG (Integrated Starter Generator) / 48-Volt Mild Hybrid system

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