

# Vehicle Detail Report

Mercedes-Benz S-Class 2023 S 450 L 4MATIC

## Basic Information

Brand	Mercedes-Benz
Mileage	48,000 km
Color	Black
First Registration	2023-10-01
Transfer Count	0

## Vehicle Images







## Vehicle Condition

1. Left upper side rail, Paint repair. 2. Inner side of left C-pillar, Paint repair. 3. Driver's seat rails and frame, Signs of removal. 4. Front passenger seat rails and frame, Signs of removal. 5. Left rear quarter panel, Paint repair, Body panel repair, Welding repair.

## Configuration Information

### Model Information

<b>Model Name</b>	Mercedes-Benz S-Class 2023 S 450 L 4MATIC
<b>Launch Date</b>	2022.12

### Basic parameters

<b>Vehicle Class</b>	Large vehicle
<b>Energy Type</b>	Gasoline + 48V Mild Hybrid System
<b>Maximum Power (kW)</b>	270
<b>Maximum Torque (N·m)</b>	500
<b>Transmission</b>	9-gear manual integration
<b>Body Type</b>	Sedan
<b>Engine</b>	2.5T 367 HP L6
<b>Dimensions (L×W×H) (mm)</b>	5320*1921*1503
<b>Official 0-100 km/h Acceleration (s)</b>	5.6
<b>Top Speed (km/h)</b>	250
<b>Curb Weight (kg)</b>	2210
<b>Maximum Gross Weight (kg)</b>	2820
<b>WLTP Combined Fuel Consumption (L/100km)</b>	8.5

### engine

<b>Engine Model</b>	256 925
<b>Displacement (mL)</b>	2498
<b>Displacement (L)</b>	2.5
<b>Induction Type</b>	Turbo electric supercharging

## engine (continued)

<b>Cylinder Arrangement</b>	L
<b>Number of Cylinders</b>	6
<b>Valves per Cylinder</b>	4
<b>Valve Train</b>	DOHC
<b>Maximum Power (PS)</b>	367
<b>Max Power Speed (rpm)</b>	6000
<b>Max Torque Speed (rpm)</b>	2000-4000
<b>Maximum net power (kW)</b>	270
<b>Fuel Grade</b>	95.
<b>Fuel Delivery System</b>	Direct injection
<b>Cylinder Head Material</b>	Aluminum alloy
<b>Cylinder Block Material</b>	Aluminum alloy
<b>Engine layout</b>	Longitudinal

## Screen/System

<b>Central control color screen</b>	<ul style="list-style-type: none"><li>• Touch OLED screen</li></ul>
<b>Infotainment Screen Size</b>	<ul style="list-style-type: none"><li>• 12.8 inches</li></ul>
<b>Bluetooth/In-car Phone</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Smartphone Integration/ Mirroring</b>	<ul style="list-style-type: none"><li>• Apple CarPlay support;</li><li>• Baidu CarLife support</li></ul>
<b>Voice recognition control system</b>	<ul style="list-style-type: none"><li>• Multimedia system;</li><li>• Navigation;</li><li>• Telephone;</li><li>• Air conditioning</li></ul>
<b>In-vehicle intelligent system</b>	<ul style="list-style-type: none"><li>•MBUX</li></ul>
<b>Touch screen vibration feedback</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Rear LCD screen</b>	○(USD 5,265)
<b>Facial Recognition</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Central control screen pixel density</b>	<ul style="list-style-type: none"><li>•200PPI</li></ul>
<b>Rear multimedia control</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Gesture Control</b>	○(USD 2,044)

## Body

<b>Length (mm)</b>	5320
<b>Width (mm)</b>	1921
<b>Height (mm)</b>	1503

## Body (continued)

<b>Wheelbase (mm)</b>	3216
<b>Front Track (mm)</b>	1655
<b>Rear Track (mm)</b>	1651
<b>Door Opening Type</b>	swing door
<b>Number of Doors</b>	4
<b>Number of Seats</b>	5
<b>Fuel Tank Capacity (L)</b>	76
<b>Trunk volume (L)</b>	550
<b>Drag Coefficient (Cd)</b>	0.22
<b>Approach Angle (°)</b>	13.6
<b>Departure Angle (°)</b>	15.6

## Gearbox

<b>Abbreviation</b>	9-gear manual integration
<b>Number of Gears</b>	9
<b>Transmission Type</b>	Automatic Transmission with Manual Mode (AT)

## Chassis steering

<b>Drive Type</b>	Front-engine, All-wheel drive (F-AWD)
<b>Four-wheel drive</b>	Full-time four-wheel drive
<b>Central differential structure</b>	Multi-plate clutch
<b>Front Suspension Type</b>	Double wishbone independent suspension
<b>Rear Suspension Type</b>	Multi-link independent suspension
<b>Power Steering Type</b>	Electric power assistance
<b>Vehicle structure</b>	bearing type

## Seat Configuration

<b>Seat Material</b>	<ul style="list-style-type: none"><li>• Leather</li></ul>
<b>Main seat adjustment</b>	<ul style="list-style-type: none"><li>• Front and rear adjustment;</li><li>• Backrest adjustment;</li><li>• Height adjustment (4-way);</li><li>• Leg rest adjustment;</li><li>• Lumbar support (4-way)</li></ul>
<b>Co-seat adjustment method</b>	<ul style="list-style-type: none"><li>• Front and rear adjustment;</li><li>• Backrest adjustment;</li><li>• Height adjustment (4-way);</li><li>• Leg rest adjustment;</li><li>• Lumbar support (4-way)</li></ul>

## Seat Configuration (continued)

<b>Electric adjustment of driver's seat and passenger seat</b>	Main •/Deputy •
<b>Front seat functions</b>	• Heating • Ventilation Massage (28300 yuan)
<b>Electric seat memory function</b>	• Driver's seat; • Passenger seat; • Rear seats
<b>Front passenger seat rear adjustable buttons</b>	•
<b>Second row seat adjustment</b>	• Front and rear adjustment • Backrest adjustment lumbar adjustment • Leg rest adjustment
<b>Front/rear center armrest</b>	Front •/Rear •
<b>Rear cup holder</b>	•
<b>Second row seat functions</b>	• Heating • Ventilation Massage (20400 yuan)
<b>Second row seats electrically adjustable</b>	•

## Active safety

<b>Anti-lock Braking System (ABS)</b>	•
<b>Electronic Brakeforce Distribution (EBD/CBC)</b>	•
<b>Brake Assist System (EBA/BAS/BA)</b>	•
<b>Traction Control System (ASR/TCS/TRC)</b>	•
<b>Electronic Stability Control (ESC/ESP/DSC)</b>	•
<b>Tire Pressure Monitoring System (TPMS)</b>	• Tire pressure display
<b>Seat Belt Reminder</b>	• Full vehicle
<b>ISOFIX Child Seat Anchors</b>	•
<b>Lane Departure Warning System (LDWS)</b>	•
<b>Autonomous Emergency Braking (AEB)</b>	•
<b>Driver Fatigue Detection</b>	•
<b>Forward Collision Warning (FCW)</b>	•

## Active safety (continued)

<b>Emergency Call System (eCall)</b>	•
<b>Built-in Dashcam</b>	•

## Air conditioning/refrigerator

<b>Air conditioning temperature control method</b>	• Automatic air conditioning
<b>Rear Independent Climate Control</b>	•
<b>Rear seat air vents</b>	•
<b>Temperature zone control</b>	•
<b>Car air purifier</b>	•
<b>In-cabin PM2.5 Filter</b>	•
<b>Negative ion generator</b>	•
<b>Car fragrance device</b>	•

## Passive safety

<b>Driver/passenger airbag</b>	Main •/Deputy •
<b>Front/rear side airbags</b>	Front/rear rear side airbag (USD 794)
<b>Front/rear head airbags (curtain airbags)</b>	Front •/Rear •
<b>Passive pedestrian protection</b>	•
<b>Rear forward airbags</b>	○(USD 1,044)

## Wheel brake

<b>Front Brake Type</b>	Ventilation disc
<b>Rear Brake Type</b>	Ventilation disc
<b>Parking brake type</b>	Electronic Parking
<b>Front Tire Size</b>	255/40 R20
<b>Rear Tire Size</b>	285/35 R20
<b>Spare Tire Size</b>	None

## Audio/Interior Lighting

<b>Speaker Brand Name</b>	• Burmester Voices of Berlin
<b>Number of speakers</b>	•15 speakers
<b>Interior ambient lighting</b>	• 64 colors
<b>Touch reading light</b>	•

## Driving functions

## Driving functions (continued)

<b>Navigation traffic information display</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Lane assist</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Lane Keeping Assist System</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Cruise control system</b>	<ul style="list-style-type: none"><li>• Full speed adaptive cruise</li></ul>
<b>Satellite navigation system</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Driving assistance level</b>	<ul style="list-style-type: none"><li>• L2</li></ul>
<b>Lane centering</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Road traffic sign recognition</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Map Brand</b>	<ul style="list-style-type: none"><li>• Gaud</li></ul>
<b>Remote Parking</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>AR real-time navigation</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Parking Assist</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Lane Change Assist</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Exterior lighting

<b>Low beam light source</b>	<ul style="list-style-type: none"><li>• LED</li></ul>
<b>High beam light source</b>	<ul style="list-style-type: none"><li>• LED</li></ul>
<b>LED daytime running lights</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Adaptive high and low beam</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Automatic headlights</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Height-adjustable headlights</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Headlight Delay Off</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Lighting features</b>	<ul style="list-style-type: none"><li>• Geometric multiple beams; ○ Pixel type (USD 3,941)</li></ul>
<b>Turn headlights</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Exterior mirrors

<b>Exterior mirror function</b>	<ul style="list-style-type: none"><li>• Electric adjustment;</li><li>• Electric folding;</li><li>• Rearview mirror memory;</li><li>• Rearview mirror heating;</li><li>• Automatic downturning when reversing;</li><li>• Automatic folding when locked;</li><li>• Automatic anti-glare</li></ul>
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## Appearance/anti-theft

## Appearance/anti-theft (continued)

<b>Rim material</b>	<ul style="list-style-type: none"><li>• Aluminum alloy</li></ul>
<b>Electric trunk</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Electronic engine immobilizer</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Central locking system in the car</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Key Type</b>	<ul style="list-style-type: none"><li>• Remote key</li></ul>
<b>Keyless start system</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Keyless entry function</b>	<ul style="list-style-type: none"><li>• Full vehicle</li></ul>
<b>Appearance Kit</b>	<ul style="list-style-type: none"><li>• Sports style</li></ul>
<b>Hands-free Trunk</b>	○(USD 88)
<b>Remote start function</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Electric door closing</b>	<ul style="list-style-type: none"><li>• Full vehicle</li></ul>
<b>Hidden electric door handle</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Skylight/Glass

<b>Sunroof Type</b>	<ul style="list-style-type: none"><li>• Sectional electric sunroof</li></ul>
<b>Front/rear electric windows</b>	Front •/Rear •
<b>One-touch window lifting function</b>	<ul style="list-style-type: none"><li>• Full vehicle</li></ul>
<b>Window anti-pinch function</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Rear windshield sunshade</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Car makeup mirror</b>	<ul style="list-style-type: none"><li>• Main driver's lamp;</li><li>• co-pilot's lamp</li></ul>
<b>Rear wiper</b>	-
<b>Rain sensor wiper function</b>	<ul style="list-style-type: none"><li>• Rainfall-sensing</li></ul>
<b>Rear side window sunshades</b>	<ul style="list-style-type: none"><li>• Electric</li></ul>
<b>Heated water nozzle</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Interior and exterior color

## Interior and exterior color (continued)

<b>Exterior Color</b>	Diamond White #EFEBEA obsidian black #000000 Matte night black #000000 Haiyue Blue #102544 Hao Sha Yin #AAB4BE agate black #000000 Graphite gray #B9B9B9 Spacetime Silver #B1B2B7 Moonlight Lime #62686C cloud desert gold #ADA396 Grandmother Stone Green #274A3B
<b>Interior Color</b>	Macchiato beige/magmatic gray:#AEA49E/#564F53; black/ochre brown:#000000/#D08A78; black:#000000

## Steering wheel/interior mirror

<b>Steering Wheel Material</b>	• Leather
<b>Steering wheel position adjustment</b>	• Electric up and down front and rear adjustment
<b>Multi-function steering wheel</b>	•
<b>Heated Steering Wheel</b>	-
<b>Steering wheel memory</b>	•
<b>Trip computer display screen</b>	• Color
<b>Full LCD instrument panel</b>	•
<b>LCD instrument size</b>	• 12.3 inches
<b>Interior rearview mirror function</b>	• Automatic anti-glare
<b>Gear shifting</b>	• Electronic gear shift
<b>HUD Head Up Digital Display</b>	•
<b>ETC Device</b>	○(USD 441)
<b>Steering Wheel Shift Paddles</b>	•

## Intelligent configuration

<b>Connected Car Services</b>	•
<b>OTA Updates</b>	•
<b>4G/5G Network</b>	•4G
<b>Mobile APP remote function</b>	• Door control; • Window control; • Vehicle start; • Vehicle status check/diagnostics; • Vehicle location / find my car
<b>Wi-Fi hotspots</b>	•

## Driving Control

<b>Driving mode switch</b>	• Sport; • Economy; • Standard/Comfort; • Customization/Personalization
<b>Automatic parking</b>	•
<b>Hill start assist</b>	•
<b>Energy recovery system</b>	•
<b>Variable suspension function</b>	• Suspension damping adjustment; • Suspension height adjustment
<b>Air Suspension</b>	•
<b>Variable steering ratio</b>	•
<b>Engine start-stop technology</b>	•
<b>Integral Active Steering</b>	○(USD 2,706)

## Driving Hardware

<b>Front/rear parking radar</b>	Front •/Rear •
<b>Driving Assistance Camera System</b>	• 360-degree panoramic image

## In-car charging

<b>Multimedia/charging port</b>	○HDMI; •Type-C
<b>Number of USB/Type-C ports</b>	• 4 in the front row/4 in the back row
<b>Mobile phone wireless charging function</b>	• Front row; • Rear row
<b>Luggage compartment 12V power socket</b>	•

"●" = Standard equipment

"\_" = Not available

"○" = Optional equipment.

Note: These are Chinese market vehicles. Warranty coverage is not available outside of China.