

# Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition Specifications

## Basic Information

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Official Price	RMB 881,000
Manufacturer	Mercedes-EQ
Class	largeTypeVehicle
Energy Type	Pure Electric
Market Time	2023.02
Electric Description	Pure Electric 333 hp
CLTC Range	849
CLTC Pure Electric Range (km)	849
Charging Time	Fast charge 37 min; Slow charge 16 h
Fast Charging Window (%)	10-80
Maximum Power (kW)	245(333Ps)
Maximum Torque (N-m)	568
Transmission Description	EV single-speed transmission
Length x Width x Height (mm)	5227x1926x1512
Body Structure	5-door 5-seat hatchbackVehicle
Top Speed (km/h)	200
Official 0-100 km/h Acceleration (s)	6.4
Energy Consumption (kWh/100km)	14.2
Equivalent Fuel Consumption (L/100km)	1.60
Vehicle Warranty	3 Years Unlimited Kilometers
Estimated Maintenance Cost over 60,000 km	RMB 3,273

## Body

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Length (mm)	5227
Width (mm)	1926
Height (mm)	1512
Wheelbase (mm)	3210
Front Track (mm)	1667
Rear Track (mm)	1682
Minimum Ground Clearance (mm)	-
Body Structure	hatchbackVehicle
Number of Doors	5
Door Opening Type	Hinged doors
Seats	5
Curb Weight (kg)	2490
Gross Weight (kg)	3025
Cargo Volume (L)	610-1770
Minimum Turning Radius (m)	5.95m
Drag Coefficient (Cd)	0.2

## Electric Motor

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Electric Description	Pure Electric 333 hp

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Motor Type	Permanent magnet synchronous
Total Motor Power	245
Total Motor Horsepower (Ps)	333
Total Motor Torque	568
Front Motor Max Power (kW)	-
Front Motor Max Torque (N-m)	-
Rear Motor Max Power (kW)	245
Rear Motor Max Torque (N-m)	568
Drive Motor Count	Single motor
Motor Layout	Rear-mounted

## Battery / Charging

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Battery Type	Ternary lithium battery
Cell Brand	CATL
Battery Warranty	10 years or 250,000 km
Battery Capacity	111.8
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	-
Battery Charging (Summary)	● Standard: Fast charge 37 min; ● Standard: Slow charge 16 h; ● Standard: Fast charging port
Charging Time	Fast charge 37 min; Slow charge 16 h
Battery Charging - Fast Charging Port	● Standard: Fast charging port
MAX Fast Charge Power	145
Fast Charging Port Position (Summary)	-
Fast Charging Port Position - Option	-
Slow Charging Port Position (Summary)	-
Slow Charging Port Position - Option	-
Battery Heating System	Standard
Battery Cooling System	Liquid cooling
One-pedal Mode	Standard
VTOL Mobile Power Station	-
VTOL Maximum External Discharge Power	-
VTOV Maximum External Discharge Power	-

## Transmission

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

## Chassis / Steering

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Drive Type	Rear-mounted RWD
Four-wheel-drive Type	-
Front Suspension	Double Wishbone Independent Suspension
Rear Suspension	Multi-link independent suspension
Steering Type	Electric power steering
Vehicle Body Structure	Unibody

## Wheels / Brakes

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Front Brake Type	Ventilated disc
Rear Brake Type	Ventilated disc
Parking Brake Type	Electronic parking brake
Front Tire Size	255/45 R20
Rear Tire Size	255/45 R20
Spare Tire Specification	-
Active Safety	-
ABS	Standard
Brake-force Distribution (EBD/CBC)	Standard
Brake Assist (EBA/BA)	Standard
Traction Control (TCS/ASR)	Standard
Body Stability System (ESP/DSC)	Standard
Active Safety Warning System	● Standard: Lane departure warning; ● Standard: Forward collision warning; ● Standard: Rear cross traffic alert; ● Standard: DOW door opening warning
Active Safety Warning System - Lane Departure Warning	● Standard: Lane departure warning
Active Safety Warning System - Forward Collision Warning	● Standard: Forward collision warning
Rear cross traffic alert	● Standard: Rear cross traffic alert
DOW door opening warning	● Standard: DOW door opening warning
Automatic Emergency Braking	Standard
Blind Spot Assist	Standard
Lane Keeping Assist	Standard
Lane Centering Assist	Standard
Driver Fatigue Warning	Standard
Active DMS Fatigue Detection	Standard
Cabin Vital-sign Detection	-
Traffic Sign Recognition	Standard
Traffic Light Recognition	-
Night Vision System	-
Passive Safety	-
Front Airbags (Summary)	● Standard: Driver seat; ● Standard: Passenger seat
Front Airbags - Driver	● Standard: Driver seat
Front Airbags - Front Passenger	● Standard: Passenger seat
Side Airbags (Summary)	● Standard: Front row; ● Standard: Rear row
Side Airbags - Front Row	● Standard: Front row
Rear row	● Standard: Rear row
Side Curtain Airbags	Standard
Front Knee Airbags	● Standard: Driver seat; ● Standard: Passenger seat
Driver seat	● Standard: Driver seat
Passenger seat	● Standard: Passenger seat
Center Airbag	-
Front row	-
Seat Belt Reminder	Standard
TPMS	Tire pressure display
ISOFIX	Standard
Passive Pedestrian Protection	Standard
Run-flat Tire	-
Driver Assistance / Control	-
Parking Radar (Summary)	● Standard: Front; ● Standard: Rear
Front	● Standard: Front
Parking Radar - Rear	● Standard: Rear
Front Vehicle Departure Reminder	-
Driving Assistance Camera (Summary)	● Standard: Rear view camera; ● Standard: 360-degree panoramic camera

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Driving Assistance Camera - Reverse Camera	● Standard: Rear view camera
Driving Assistance Camera - 360° Panoramic Camera	● Standard: 360-degree panoramic camera
Cruise System (Summary)	● Standard: Cruise control; ● Standard: Adaptive cruise control; ● Standard: Full-speed adaptive cruise control
Cruise System - Option	● Standard: Cruise control
Cruise System - Adaptive Cruise Control	● Standard: Adaptive cruise control
Cruise System - Full-speed Adaptive Cruise Control	● Standard: Full-speed adaptive cruise control
Automatic Lane Change Assist	Standard
Automatic Ramp Exit / Entry	-
Navigation Assisted Driving	-
Highway navigation assist	-
ADAS Level	L2
Automatic Parking	Standard
Reverse Path Tracking	-
Memory Parking	-
Auto Hold	Standard
Hill Start Assist (HAC)	Standard
Hill Descent Control (HDC)	-
Variable Suspension	Damping stiffness adjustment+height adjustment
Air Suspension	Standard
Air Suspension Type	-
Electromagnetic Suspension	-
Variable Steering Ratio	Standard
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	-
Center Differential Lock	-
Active Rear Steering	Standard
Drive Mode Selection (Summary)	● Standard: Sport; ● Standard: Personalized; ● Standard: ECO/Economy; ● Standard: Standard Comfort
Drive Mode Selection - Sport	● Standard: Sport
Drive Mode Selection - Custom	● Standard: Personalized
Drive Mode Selection - ECO	● Standard: ECO/Economy
Drive Mode Selection - Standard / Comfort	● Standard: Standard Comfort
Brake Energy Recovery	Standard
Low-speed Warning Sound	Standard
Exterior Features	-
Sunroof Type	Panoramic Sliding Sunroof
Smart Dimming Roof	-
Roof Rack	-
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	-
Alloy Wheels	Standard
Frameless Doors	Standard
Hidden Door Handles	Standard
Tow Hook	-
Interior Features	-
Steering Wheel Material (Summary)	● Standard: Genuine leather
Genuine leather	● Standard: Genuine leather
Steering Wheel Adjustment	Tilt and telescopic
Power Steering Wheel Adjustment	Standard
Steering Wheel Functions (Summary)	● Standard: Multifunction controls; ● Standard: Memory; ■ Optional: Heating (RMB 6,100)
Steering Wheel Functions - Multi-function Control	● Standard: Multifunction controls
Memory	● Standard: Memory

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Heating	■ Optional: Heating (RMB 6,100)
Gear Selector Type (Summary)	● Standard: Electronic column shifter
Gear Selector Type - Option	● Standard: Electronic column shifter
LCD Cluster Style	Full LCD
LCD Cluster Size (in) (Summary)	● Standard: 12.3
LCD Cluster Size (in) - 12.3	● Standard: 12.3
Instrument Cluster Screen Pixel Density(PPI)	● Standard: 209
209	● Standard: 209
Comfort / Anti-theft	-
Soft-close Doors	-
Power Tailgate	Standard
Hands-free Tailgate	Standard
Tailgate Position Memory	-
Central Locking	Standard
Remote Key Type (Summary)	● Standard: Smart remote key
Remote Key Type - Smart Remote Key	● Standard: Smart remote key
Remote Key Type - Bluetooth Key	-
Remote Key Type - NFC/RFID Key	-
UWB Digital key	-
Keyless Entry	All windows
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Move	-
Vehicle Summon	-
Head-up Display (HUD)	-
HUD Projection Size (in)	-
77	-
AR HUD	-
Built-in Driving Recorder	Standard
Factory ETC	Optional (RMB 3,000)
Active Noise Cancellation	Standard
Wireless Phone Charging	Standard
AC Power Outlet	-
Cargo 12V Power Outlet	-
Seat Features	-
Seat Material	Genuine leather
Sport Seats	-
Second-row Independent Seats	-
Power Seat Adjustment (Summary)	● Standard: Driver seat; ● Standard: Passenger seat; ● Standard: Second Row
Power Seat Adjustment - Driver	● Standard: Driver seat
Seat Power Adjustment - Front Passenger	● Standard: Passenger seat
Second Row	● Standard: Second Row
Sunken Rear Seat Folding	-
Driver Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Backrest angle; ● Standard: Height adjustment
Driver Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment
Driver Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Driver Seat Main Adjustments - Height Adjustment	● Standard: Height adjustment
Driver Seat Fine Adjustments (Summary)	● Standard: Headrest; ● Standard: Lumbar; ● Standard: Leg rest
Driver Seat Fine Adjustments - Headrest	● Standard: Headrest
Lumbar	● Standard: Lumbar
Leg rest	● Standard: Leg rest
Front Passenger Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Height adjustment; ● Standard: Backrest angle
Front Passenger Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Height adjustment	● Standard: Height adjustment
Front Passenger Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Front Passenger Seat Fine Adjustments (Summary)	● Standard: Headrest; ● Standard: Lumbar; ● Standard: Leg rest
Front Passenger Seat Fine Adjustments - Headrest	● Standard: Headrest
Lumbar	● Standard: Lumbar
Leg rest	● Standard: Leg rest
Second-row Seat Main Adjustments (Summary)	● Standard: Backrest angleAdjustment
Second-row Seat Main Adjustments - Option	● Standard: Backrest angleAdjustment
Second-row Seat Fine Adjustments	-
Lumbar	-
Front Seat Functions	● Standard: Heating; ● Standard: Memory
Front Seat Functions - Option	● Standard: Heating
Ventilation	-
Memory	● Standard: Memory
Massage	-
Second-row Seat Functions	● Standard: Heating; ● Standard: Ventilation
Heating	● Standard: Heating
Memory	-
Ventilation	● Standard: Ventilation
Massage	-
Boss Key	Standard
Front / Rear Armrests (Summary)	● Standard: Front row; ● Standard: Rear row
Front / Rear Armrests - Front Row	● Standard: Front row
Rear row	● Standard: Rear row
Rear Cup Holder	Standard
Heated / Cooled Cup Holder	-
Rear Seat Folding Ratio	40:60
Second-row Tray Table	-
Smart Connectivity	-
Center Screen Size (in)	17.7
Center Screen Material	-
Center Console ColorColorScreen Pixel Density(PPI)	● Standard: 201
201	● Standard: 201
Passenger Screen Size (in)	● Standard: 12.3
12.3	● Standard: 12.3
Passenger Screen Pixel Density(PPI)	● Standard: 209
209	● Standard: 209
Satellite Navigation	Standard
AR Navigation	Standard
Navigation Traffic Display	Standard
MAP Brand (Summary)	-
Amap	-
Roadside Assistance	Standard
Bluetooth / Car Phone	Standard
Phone Mirroring (Summary)	● Standard: CarPlay; ● Standard: CarLife
Phone Mirroring - CarPlay	● Standard: CarPlay
CarLife	● Standard: CarLife
Connected Car	Standard
Mobile Network (Summary)	● Standard: 4G
5G	-
Mobile Network - 4G	● Standard: 4G
OTA Upgrade	Standard

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Face Recognition	-
Fingerprint Recognition	Standard
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition Control	Standard
Wake-word-free Voice Control	-
Voice Wake-up by Zone (Summary)	● Standard: Single Zone
Voice Wake-up by Zone - Single Zone	● Standard: Single Zone
Continuous Voice Recognition	-
Visible-to-speak Control	-
Voice Assistant Wake-up Phrase	Hello Mercedes
Gesture Control	-
Wi-Fi Hotspot	Standard
Smart Connectivity	-
Multi-finger Screen Control	Standard
App Store	Standard
Media Interface (Summary)	● Standard: USB/Type-C
HDMI	-
Media Interface - USB/Type-C	● Standard: USB/Type-C
USB/Type-C Port Count (Summary)	● Standard: Front row: 6; ● Standard: Rear row: 2
USB/Type-C Port Count - 2 Front	● Standard: Front row: 6
USB/Type-C Port Count - 1 Rear	● Standard: Rear row: 2
USB/Type-C Max Charging Power	-
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	Standard
Audio Brand	■ Optional: Burmester (RMB 15,000)
Burmester	■ Optional: Burmester (RMB 15,000)
Number of Speakers	● Standard: 9; ■ Optional: 15
9	● Standard: 9
15	■ Optional: 15
15	-
Rear Multimedia Controls	-
Lighting	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	Standard
Adaptive High / Low Beam	Standard
Automatic Headlights	Standard
Cornering Lights	-
Front Fog Lights	-
Adaptive Front-lighting System (AFS)	Standard
Headlight Height Adjustment	Standard
Headlight Washers	-
Ambient Lighting	64Color
Active Ambient Lighting	■ Optional: Optional (RMB 7,000)
Standard	-
Optional	■ Optional: Optional (RMB 7,000)
Special Lighting Functions	Pixel-type
Lighting Projection Technology	-
Headlight Delay-off	Standard
Headlamp Rain / Fog Mode	-
Lighting	-

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Power Windows (Summary)	● Standard: Front row; ● Standard: Rear row
Power Windows - Front Row	● Standard: Front row
Power Windows - Option	● Standard: Rear row
One-touch Windows	All windows
Anti-pinch Windows	Standard
Exterior Mirror Functions (Summary)	● Standard: Power adjustment; ● Standard: Heating; ● Standard: Power folding; ● Standard: Memory; ● Standard: ReverseAutomatictilt-down; ● Standard: Auto-fold on lock; ● Standard: Automatic anti-glare
Exterior Mirror Functions - Option	● Standard: Power adjustment
Exterior Mirror Functions - Heating	● Standard: Heating
Exterior Mirror Functions - Power Folding	● Standard: Power folding
Memory	● Standard: Memory
ReverseAutomatictilt-down	● Standard: ReverseAutomatictilt-down
Exterior Mirror Functions - Auto Fold on Lock	● Standard: Auto-fold on lock
Automatic anti-glare	● Standard: Automatic anti-glare
Interior Mirror Functions	● Standard: Automatic anti-glare
Automatic anti-glare	● Standard: Automatic anti-glare
Vanity Mirror (Summary)	● Standard: Driver seat+with lighting; ● Standard: Passenger seat+with lighting
Vanity Mirror - Option	● Standard: Driver seat+with lighting
Vanity Mirror - Option	● Standard: Passenger seat+with lighting
Rear Privacy Glass	-
Interior Sunshade	-
Rain-sensing Wipers	Standard
Rear Wiper	-
Multi-layer Acoustic Glass	-
Heated Windshield	-
Heated Washer Nozzles	-
Air Conditioning / Refrigerator	-
A/C Control Type	Automatic
Rear Independent A/C	-
Rear Air Vents	Standard
Temperature Zone Control	● Standard: Dual-zone climate control
Dual-zone climate control	● Standard: Dual-zone climate control
Four-Zone Climate Control	-
In-car Air Purifier	Standard
Cabin PM2.5 Filter	Standard
Negative-ion Generator	-
Fragrance System	-
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-

## Smart Features

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
CAR Intelligent System (Summary)	● Standard: MBUX
MBUX	● Standard: MBUX
Vehicle Smart Chip	● Standard: Xavier
Xavier	● Standard: Xavier
Infotainment System Memory (GB)	● Standard: 8
8	● Standard: 8
Infotainment System Storage (GB)	● Standard: 24
24	● Standard: 24
Mobile App Remote Control (Summary)	● Standard: Vehicle monitoring; ● Standard: Charging management; ● Standard: Remote control; ● Standard: Service appointment

Parameter	Mercedes-Benz EQS 2023 EQS 450+ Pioneer Edition
Mobile App Remote Control - Vehicle Monitoring	● Standard: Vehicle monitoring
Mobile App Remote Control - Charging Management	● Standard: Charging management
Mobile App Remote Control	● Standard: Remote control
Mobile App Remote Control - Service Appointment	● Standard: Service appointment
Heat Pump System	-
Number of Exterior Cameras	7
Exterior Camera Resolution	-
Interior Camera Count	● Standard: 1
Incar Camera Count 1	● Standard: 1
Interior Camera Resolution	-
Number of Ultrasonic Radars	12
Millimeter Wave Radar	5
Sub-meter High-precision Positioning	-
High-precision Map	-
Sentinel Mode	-
V2X Communication	-
Featured Configuration	-
Custom Options	Optional exterior, interior, wheels, brakes
Minions cute modificationPackage	-
Rear rowSeatsPackage	-
Rear rowSeatsPackage	-
comfortHeatingPackage	-
premiumenhancedPackage	-
premiumenhancedPackage	-
comfort tailgatePackage	● Standard: with360°camera-based intelligent parkingVehicleandDriver AssistancePackageEnhanced Edition, MBUXIntelligent Human-Machine Interaction System with Augmented Reality NavigationNavigation, storage compartment under center console, Intelligent Digital Headlight, RearRear Active Steering System , illuminated running boards with "Mercedes-Benz"; ● Standard
Technology EnhancedPackage	with360°camera-based intelligent parkingVehicleandDriver AssistancePackageEnhanced Edition, MBUXIntelligent Human-Machine Interaction System with Augmented Reality NavigationNavigation, storage compartment under center console, Intelligent Digital Headlight, RearRear Active Steering System , illuminated running boards with "Mercedes-Benz"
Technology EnhancedPackage	● Standard
SpecialColorConfiguration	-
Driver AssistancePackageEnhanced Edition	-
MBUX Intelligent Human-Machine Interaction System with Augmented Reality NavigationNavigation	-
SpecialColorConfiguration	-
MBUX Hyperscreen	-
active ambient lighting	-
active ambient lighting	-
head-up display with augmented reality	-
head-up display with augmented reality	-
Intelligent Digital Headlight	-
Intelligent Digital Headlight	-
Fresh Air Shield	-
Fresh Air Shield	-