

MERCEDES-EQ

Quick Reference Guide

MY22 Mercedes-AMG EQS

Models & MSRP

- Mercedes-AMG EQS \$TBA arriving at U.S. dealers early 2022

What's New

- The first EQ model from Mercedes-AMG to arrive in the U.S. market
- One-bow, cab forward design in line with the Progressive Luxury design philosophy
- All-new MBUX Hyperscreen stretching from left to right A-Pillars with three displays under a single 56-inch curved glass surface, including the latest generation of MBUX with Augmented Reality Navigation System
- OLED Screens located behind a glass facing; actuators and pressure sensors provide comprehensive control and display experience
- AMG RIDE CONTROL+ Air Suspension based on AIRMATIC with Adaptive Damping System
- Driver Assistance Package with Active Distance Assist DISTRONIC, Active Lane Keeping and Blind Spot Assist, and PRE-SAFE® PLUS including PRE-SAFE® Impulse Side included as standard
- 9-Degree Rear-Axle steering system available as standard
- AMG SOUND EXPERIENCE (interior and exterior) with Authentic, Balanced, Sport and Powerful customizable sound characteristics
- AMG DYNAMIC PLUS Package (standard) with maximum total output of up to 751 hp and up to 752 lb-ft in RACE START mode with Boost function
- ENERGIZING AIR CONTROL Plus with High Efficiency Particulate Air (HEPA) filter

Standard Feature Highlights

- New-generation MBUX Multimedia System with Augmented Reality Navigation system, including Natural Language Understanding and Keyword Activation ("Hey Mercedes")
- MBUX Hyperscreen with three displays under a single 56-inch curved glass surface:
 - 12.3" Instrument Cluster, 17.7" Central OLED Touchscreen Display and 12.3" Passenger Display
- Fingerprint Sensor for biometric authentication of the driver to activate profile
 - MBUX with up to seven profile can be activated by biometric authentication, voice control and facial recognition
- Augmented reality HUD
- AMG Performance 4MATIC+ fully variable all-wheel drive with Torque Shift function
- AMG DYNAMIC SELECT including Slippery, Comfort, Sport, Sport+ and Individual driving modes
- RACE START function
- 9-Degree Rear Axle Steering
- Ambient Lighting
- AMG RIDE CONTROL+ with air suspension, combined with adaptive, electronically controlled adjustable damping
- Adjustable Regenerative Braking via Steering Wheel Paddles
- Front Multicontour Seats with Massage, Rapid Heating, and Ventilation
- Heated steering wheel
- Heated rear seats

- Burmester® 3D Sound System with Sound Personalization
- KEYLESS-START®
- KEYLESS-GO® with Seamless Door Handles & Hands-Free Access
- Active Parking Assist with Surround View Camera
- DIGITAL LIGHT Intelligent Lighting System with front & rear LED lightbands
- Driver Assistance Package with Active Distance Assist DISTRONIC, Active Lane Keeping and Blind Spot Assist, and PRE-SAFE® PLUS including PRE-SAFE® Impulse Side
- Wireless Smartphone Integration & Wireless front Smartphone Charger
- Six 100W USB-C Ports
- Panorama Sunroof
- Carbon fiber trim
- AMG high-performance brake system
- 21-inch AMG alloy wheels
- Winter Package with Heated Windshield & Windshield Washer System that heats up the washer fluid bottle and lines to prevent freezing
- AMG Dynamic Plus Package
- AMG Night Package
- AMG nappa leather with specific seat upholstery layout

Optional Feature Highlights

- Energizing Air Control with HEPA Air Filtration System
- Executive Rear Seat Package with Rapid-Heating Multicontour Rear seats with massage, neck and shoulder heating, beltbag and MBUX tablet
- Integrated Toll Payment System
- AMG high-performance ceramic composite brake system
- AMG Track Pace
- 21- or 22-inch AMG alloy wheels
- Red brake calipers (front and rear)

Technical Highlights

- **MBUX Hyperscreen** (standard): Representing a digital and analogue design fusion, the MBUX Hyperscreen stretches from left to right A-Pillars, with three displays that appear to merge seamlessly, resulting in an impressive, curved screen band over 56 inches wide. Artificial intelligence (AI) and learn-capable software, enables the control and display concept to adapt to its user and make personalized suggestions for a variety of functions from infotainment, to comfort and even vehicle functions. The MBUX Hyperscreen not only benefits the driver as it is also an attentive assistant for the front passenger, who has their own display and operating area.
 - **Zero Layer:** With the new zero-layer feature, the user no longer needs to scroll through sub-menus or give voice commands, as the most important applications are always available in a situational and contextual way at the top of the driver's field of vision.
 - **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** (optional): 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.
- **OLED (Organic Light Emitting Diode) Screen** (standard): In the EQS, 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.
- **Rear-Axle Steering:** With standard rear-axle steering, the EQS is as maneuverable as a compact

car. The steering angle at the rear axle is up to 9 degrees (standard), 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:

- 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.
- **Driver Assistance Systems** (all systems standard): The EQS 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 Surround View System 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.

Model Positioning

- The all-new AMG EQS represents a new era in the performance segment, providing innovative electric mobility without sacrificing the sporty and agile driving dynamics characteristic of Mercedes-AMG. Anchored by an all-new, purpose built Electric Vehicle Architecture, the highly anticipated AMG EQS sedan will be the first fully electric vehicle from Mercedes-AMG to be introduced to the U.S. market.

At a Glance

	AMG EQS
MSRP	\$TBA
Motor	Dual Motors – Front and Rear Axle Permanently Excited Synchronous Motors with 649 hp Total Output (up to 751 hp with Boost function in standard AMG DYNAMIC PLUS Package)
Battery	Lithium Ion
Battery Capacity (kWh)	107.8
All-Electric range	TBA
Charging time, wallbox (240V/32A)	TBA
Charging time, DC Fast Charging (110kW, 10%-80%)	TBA
Length	TBA
Width w/ mirrors (w/o mirrors)	TBA
Height	TBA
Wheelbase	TBA
Curb Weight (lbs)	TBA
Fuel Economy (MPGe) (city/hwy/comb)	TBA
Drive Config.	Fully Variable 4MATIC All- Wheel Drive with Torque Shift
Performance	649 hp (*up to 751 hp) 700 lb-ft (*up to 752 lb-ft) *with standard AMG DYNAMIC PLUS package in RACE START

	mode
Transmission	Single-Speed
Estimated 0-60 mph (sec)	3.4 est.* (*with standard AMG DYNAMIC PLUS Package in RACE START mode)
Estimated Top speed (mph)	155 (with standard AMG DYNAMIC PLUS Package)

Media Contacts

Michael Minielly michael.minielly@mbusa.com
 Ashley Gillam ashley.gillam@mbusa.com

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