All-new Mazda6e
Press Kit

All information contained in this document is strictly confidential until Friday 10th January 2025 at 9:00 a.m. CET.

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1. AT A GLANCE

The all-new Mazda6e is the latest addition to Mazda’s fully electric lineup in Europe, offering a fast-charging, 5-door hatchback that blends innovative technology, and practical design. Its coupé-inspired profile enhances its sleek, sporty character while maintaining the versatility and comfort of a hatchback.

The all-new Mazda6e represents a fresh take on its predecessors, featuring a modern flowing exterior, pleasingly sleek cabin design, and Mazda’s typically seamless experience behind the wheel.

The Mazda6e sets forth the company’s unwavering commitment to quality motoring. Highlights include an airy interior that is elegantly minimalistic yet still offers an abundance of convenience with its innovative cockpit and cabin layout.

The powertrains deliver smooth performance with competitive battery ranges and charging times, while the chassis ensures intuitive handling. Simply put, the sort of road behaviour one would expect from a manufacturer with decades of experience building fun-to-drive cars.

1. Exterior DESIGN

It’s a look that stands apart: The Mazda6e’s exterior adapts the essence of beauty inherent in all the brand’s models with a subtle edge fitting Mazda’s next battery electric vehicle.

Designed according to the “Authentic Modern” concept, the Mazda6e’s short rear deck and stylish sedan shapes conceal the fact that it isa practical five-door hatchback with a 964 mm wide and 619 mm high boot opening – much larger than a conventional sedan. Supplementing the 330-litre boot capacity (up to 1,074 l with second-row seats folded) is a convenient 70-litre frunk which can store an extra bag or the charging cable.

The parallel lines running down the sides of the Mazda6e enhance the sleekness of its silhouette and the low-to-the-ground appearance. At the same time, the car retains the powerful rear end typical to other models based on “Kodo – Soul of Motion”, Mazda’s time-honoured design language. The light-catching effect of the lower door shapes, inspired by the spray produced by a speedboat dashing across the water, further enhances the free-flowing expression of speed.

A new “glowing” signature wing lights up the face of the Mazda6e. It features dynamic illumination which makes the wing appear to flutter, also using the lighting to indicate charging status.

The sharp edges of the front elements contrast with the round shapes on the rear, including four distinct cylinders – two in each rear lamp – that are unmistakably Mazda, punctuating the horizontal taillight bar while paying homage to the carmaker’s design heritage. The electrically extendable rear spoiler, meanwhile, not only adds another athletic touch, but also enhances road stability. Below it, newly designed Mazda lettering replaces the brand logo, making the vehicle more recognisable as a Mazda.

Another example of form and function in harmony, the 19-inch aluminium wheels have range-boosting aerodynamics to go with their sporty five-spoke design and flat black surfaces. As for exterior finishing, the Mazda6e will be available in eight metallic colours, including Melting Copper, which debuted on the Mazda CX-80 in 2024, and Aero Grey, known from the Mazda MX-5.

1. INTERIOR DESIGN

Welcoming, calm, uncluttered quality: Designers of the Mazda6e cabin based their efforts on the simplicity of Japanese aesthetics according to *ma*. This Japanese philosophy places special importance on empty space between things and creating a balanced, tranquil atmosphere for the body as well as the mind.

The result is a roomy, inviting interior conceived to put occupants at ease: an environment emphasising serenity rather than buttons and screens. The thin horizontal design element running across the width of the dashboard achieves a “floating” expression, imparting a visual lightness throughout the cabin. The prominent centre console, meanwhile, provides a sense of security while enhancing the driver’s ability to focus.

**Sophisticated simplicity**

Flooding the cabin with natural light, the panoramic sunroof contributes to the airy interior ambiance and sense of space. Featuring tinted glass and heat insulation as standard, the sunroof is paired with an electric sunshade in the Takumi Plus grade. In the dark, Mazda’s sophisticated ambient lighting system uses only indirect light sources to deliver a supreme cabin atmosphere. With 64 colour options, it is highly customisable.

The mono-form front seats with integrated headrests convey unpretentious class. They unite skilfully stitched materials with subtle satin chrome accents for a finely crafted yet modern look and feel. The interior is available in three colour variations: the standard Takumi package has a choice of Warm Beige or Black artificial leather upholstery while the Takumi Plus option comes with elegant Tan Nappa and Suede leather.

1. COMFORT AND CONNECTIVITY

With its generous size, the Mazda6e cabin does more than merely feel spacious. In fact, many of the interior dimensions are among the best in its class. Front and rear head room measure 988 mm and 963 mm, respectively, while shoulder room comes in at 1,478 mm (front) and 1,416 mm (rear). Front and rear hip room measure 1,394 mm and 1,392 mm, while leg room is a respectable 1,074 mm in the front and 921 mm in the rear.

Safety and convenience are the main motivations behind the Mazda6e’s HMI (human-machine interface), with display technology positioned according to the type of information presented and the driver’s field of view. Highlights include the augmented reality head-up display (AR-HUD), which dynamically projects active, driving-relevant information on the 50-inch virtual display in the windshield at the driver’s usual viewing depth of 7.5 meters.

Requiring minimal eye movement, the augmented reality – a Mazda first – overlays data onto the actual scenery, enabling the driver to react intuitively. The set-up also allows to customize the amount of information shown and comes with clever features like “snow mode”, which enhances AR-HUD readability by changing the colour of the text and markings from white to blue when snowing.

While the 10.2-inch digital instrument cluster focuses on status information (e.g. open door warnings), the 14.6-inch touchscreen on the centre stack provides access to communication and entertainment features. The latter features a smartphone-like interface with swipe functionality. It displays either the navigation map or a wallpaper which can be personalised from one of 12 pre-installed background images.

There is even a rear touchscreen, enabling passengers in the back to adjust climate settings, operate the sunshade, and adjust the front passenger seat position when the vehicle is parked.

**Convenient, intuitive experience**

With voice recognition available in nine European languages, the driver’s hands can remain on the wheel while using various technology, from the navigation and climate control systems to the 14-speaker SonyPRO® audio system. Hand gesture control, another Mazda first, is also possible for various operations. The Bluetooth key function allows to access and start the Mazda6e using a smart phone and can be shared with up to three other users for predefined periods of time.

**smart modes for specific situations**

Six “Smart Modes” automatically adjust several vehicle functions with one command, conveniently adapting the vehicle status to common scenarios.

When temporarily leaving the car, **Leaving Mode** maintains a constant cabin temperature for passengers, pets, or groceries remaining in the car, and displays a message that the driver will return soon.

The **Rest Mode** prepares the car for resting inside for several hours by adjusting the seating position and switching off the exterior and interior illumination.:

The **Relax Mode** rearranges the cabin for taking a short break by adjusting the seat position, air condition, windows, interior lighting, audio volume and interior lighting according to preferences preset by the driver and passengers. It is also possible to activate alarm after a preset period of time.

The **Car Wash Mode** helps prevent damage to exterior parts and ingress of water when washing the car: It turns the automatic wipers off, folds the side mirrors, retracts the rear spoiler and closes the windows,

The **Private Call Mode** protects the privacy of entering calls by turning off the Bluetooth® telephone connection and the call menu.

The **Fresh Air Mode** allows to instantly take a breath of fresh air. It opens the driver’s window and activates the air Purification Mode of the air conditioning.

1. POWERTRAINS

Channelling the carmaker’s Jinba-Ittai (car and driver as one) DNA, the Mazda 6e will be available with two battery electric powertrains.

The **Mazda6e[[1]](#footnote-2)** is the best choice for drivers prioritising minimal charging time. It comes with a 68.8 kWh battery providing up to 479 km of range[[2]](#footnote-3) and an electric motor delivering 190 kW (258 PS) of maximum power and 320 Nm of torque to the rear wheels. Acceleration from 0 to 100 km/h takes 7.6 seconds and the top speed is 175 km/h. With 200 kW DC charging, the battery recharges from 10% to 80% in approximately 22 minutes**[[3]](#footnote-4)**. 235 km of range can be added in only 15 minutes of DC charging[[4]](#footnote-5).

For drivers who prefer uninterrupted long-distance driving, the **Mazda6e Long Range[[5]](#footnote-6)** is equipped with a larger 80 kWh battery, increasing the range to 552 km. Its electric motor provides 180 kW (245 PS) of power and 320 Nm of torque for a 0-100 km/h sprint time of 7.8 seconds and the same 175 km/h maximum speed. The battery pack can handle 95 kW DC charging, replenishing the batteries from 10% to 80% in approximately 45 minutes.

As mentioned, the signature wing, front logo and taillight bar pulsate with light to indicate the battery charging status. Besides fast DC charging with CCS connectors, both powertrains support 11 kWh three-phase AC charging via type 2 plugs and can tow trailers weighing up to 1,500 kg.

1. DRIVING DYNAMICS

Aiming to instil confidence behind the wheel, developers of the Mazda6e engineered a vehicle providing an intuitive driving experience and Mazda’s distinctive responsiveness. The generous body width and low centre of gravity, combined with a 50:50 front-to-rear weight distribution, are key factors that contribute to an ideally balanced car and precise handling. "The rear-wheel drive configuration and multi-link rear suspension enhance the vehicle's behaviour and provide the driver with accurate road feedback. "

The yaw rate has been fine-tuned to align with human perception. Together with steering force and damper set-up, this further increases steering precision. The advanced integrated brake control system ensures seamless transitions between acceleration, turning and stopping. The electric rear spoiler deploys automatically at 90 km/h and can also be operated manually to increase downforce and further enhance driving stability at higher speeds.

**reassuringly safe**

Safety is a priority in the Mazda6e. Nine airbags protect the occupants, and

 Mazda is aiming for a five-star Euro NCAP rating on yet another model. Beyond its driver-focused engineering, the Mazda6e will come with the carmaker’s full complement of advanced safety technology, including Emergency Lane Keeping (ELK), Rear Collision Warning (RCW) and Autonomous Emergency Braking (AEB). The Mazda6e also includes smart features like the Secondary Collision Reduction (SCR), Speed Limit Assist (SLA), and Traffic Sign Recognition (TSR).

The technology package seamlessly monitors the surroundings with the help of the latest M-pixel cameras, millimetre-wave radar and ultrasonic radar.

The new Occupancy Monitoring System uses an interior camera to detect children in the rear seats and project them on the centre display. When leaving the car, a warning sound ensures that young children do not accidentally remain in the car unattended.

1. summary and launch timing

The all-new Mazda6e combines thoughtful design and cutting-edge technology to deliver an electric driving experience that is modern, comfortable, and refined. It will arrive in European dealer showrooms in the summer of 2025.

1. TECHNICAL SPECIFICATIONS

## Dimensions

|  | MAZDA 6e | MAZDA 6eLong range |
| --- | --- | --- |
| **Body type** | 5-door hatchback |
| **Doors** | 4 + liftgate |
| **Seating capacity** | 5 |
| **Exterior** |
| Overall length with number plate holder | mm | 4,921 |
| Overall width | mm | 1,890 |
| Overall width (with side mirrors) | mm | 2,156 |
| Overall height – unladen +1 person | mm | 1,491 |
| Wheelbase  | mm | 2,895 |
| Overhang front (without license plate holder) | mm | 986 |
| Overhang rear | mm | 1,040 |
| Tread front | mm | 1,620 |
| Tread rear | mm | 1,630 |
| Ground clearance between the axles – unladen + 1 person  | mm | 114 |
| Turning radius (curb to curb / wall to wall) | m | 5.6 / 5.8 |
| **Interior** |
| Front headroom | mm | 988 |
| Front shoulder room | mm | 1,478 |
| Front hip room  | mm | 1,394 |
| Front leg room | mm | 1,074 |
| Rear headroom | mm | 963 |
| Rear shoulder room  | mm | 1,416 |
| Rear hip room | mm | 1,392 |
| Rear leg room  | mm | 921 |

|  |
| --- |
| **Cargo area** |
| Cargo Volume (all seats up, up to tonneau cover) | l | 330 |
| Cargo volume (2nd row seats folded down, up to tonneau cover/belt line)  | l | 678 |
| Cargo volume (2nd row seats folded down, up to ceiling) | l | 1,074 |
| Height, floor to tonneau cover  | mm | 432 |
| Load floor length after 1st / 2nd row | mm | 1,937 / 1,052 |
| Width between rear tire house | mm | 943 |
| Tailgate opening width | mm | 964 |
| Tailgate opening height  | mm | 619 |
| Frunk volume (incl. sub-frunk) | l | 70 |

## Weight

|  | MAZDA 6e | MAZDA 6eLong range |
| --- | --- | --- |
| Minimum curb weight w/o driver | kg | 1,952 | 1,953 |
| Minimum curb weight w/ driver (75 kg) | kg | 2,027 | 2,028 |
| Max. permissible weight – total | kg | 2,387 | 2,387 |
| Max. permissible front axle weight  | kg | 1,027 | 1,027 |
| Max. permissible rear axle weight  | kg | 1,390 | 1,390 |
| Max. permissible roof load | kg | 75 | 75 |
| Max. permissible tow weight, trailer without brakes | kg | 750 | 750 |
| Max. permissible tow weight, trailer with brakes (8% / 12% slope)  | kg | 1,500 | 1,500 |

## Powertrain

|  | MAZDA 6e | MAZDA 6eLong range |
| --- | --- | --- |
| Drivetrain |  | Rear-Wheel Drive | Rear-Wheel Drive |
| Transmission |  | 1-speed AT | 1-speed AT |
| Electric Motor type |  | AC synchronous motor | AC synchronous motor |
| Maximum power  | kW (PS)  | 190 (258) | 180 (245) |
| Maximum torque  | Nm | 320 | 320 |
| Battery type |  | Lithium-ion (LFP) | Lithium-ion (NCM) |
| Battery capacity | kWh | 68.8 | 80 |
| Battery voltage | V | 240-438 | 211-417 |
| Battery weight  | kg | 480 | 480 |
| Battery charging methods |  | DC charging via CCS connectorAC 3-phase charging via type 2 connector | DC charging via CCS connectorAC 3-phase charging via type 2 connector |
| Maximum DC charging power | kW | 200 | 95 |
| DC charging time 10% to 80% | min | 22 | 45 |
| DC charging time from 30% to 80% | min | 15 | 35 |
| Max. AC charging power (3-phase) | kW | 11 | 11 |
| AC charging time from 10% to 80% | h | 8 | 9,5 |
| AC charging time from 30% to 80% | h | 6 | 7,5 |

Performance

|  |  |  |  |
| --- | --- | --- | --- |
|   |   | MAZDA 6e | MAZDA 6eLong range |
| Acceleration 0-100 km/h  | s | 7.6 | 7.8 |
| Max. speed (electronically limited) | km/h | 175 | 175 |
| **WLTP consumption and range**  |  |  |  |
| Driving range – combined  | km | 479 | 552 |
| Driving range – city | km | 605 | 692 |
| Electricity consumption – combined | kWh/100 km | 16.6 | 16.5 |
| **WLTP emission** |  |  |  |
| CO2 emissions – combined  | g/km | 0 | 0 |
| CO2 class |  | A | A |
| European emission standards level |  | Euro 6e |

## Suspension & wheels

|  |  |  |
| --- | --- | --- |
|   | MAZDA 6e | Long range |
| **Suspension** |  |
| Front suspension type | MacPherson strut |
| Rear suspension type | Multi-link |
| **Tyres & wheels** |
| Tyre size | 245/45 R 19 |
| Wheel size | 19“ |

steering & Brakes

|  |  |  |
| --- | --- | --- |
|   | MAZDA 6e | MAZDA 6eLong range |
| **Steering** |
| Steering type |   | Electric power assisted rack and pinion |
| **Brakes** |
| Brake disc type front/rear |   | Ventilated/solid |
| Front disc diameter  | mm | 310 |
| Rear disc diameter  | mm | 306 |

#Mazda6e

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For more information, please visit the Mazda Press Portal
[www.mazda-press.com](http://www.mazda-press.com)

Further information on the electric range, energy costs, vehicle tax and CO2 costs can be found at [www.mazda.de/Energieverbrauch](http://www.mazda.de/Energieverbrauch)

1. Mazda6e, 190 kW (258 PS):
 Energy consumption combined: 16.6 kWh/100 km; CO2 emissions combined: 0 g/km, CO2 class: A. [↑](#footnote-ref-2)
2. Range determined in accordance with WLTP. Actual range may differ depending on equipment and individual factors. [↑](#footnote-ref-3)
3. All charging times refer to ideal charging conditions. [↑](#footnote-ref-4)
4. Based on a battery/ambient temperature of 23°C (+/-2°C), using a 200 kW DC fast charger, and with an initial charging status of 30%. Actual charging time may differ. [↑](#footnote-ref-5)
5. Mazda6e Long Range, 180 kW (245 PS):
 Energy consumption combined: 16.5 kWh/100 km; CO2 emissions combined: 0 g/km, CO2 class: A. [↑](#footnote-ref-6)