



**PRESS MATERIAL – MAZDA MOTOR EUROPE**

## **2024 MAZDA2 HYBRID**





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### 1| INTRODUCTION

Bringing self-charging full hybrid powertrain technology to the Mazda model range, the Mazda2 Hybrid<sup>1</sup> is the outcome of a long-standing collaboration between Mazda Motor Corporation and Toyota Motor Corporation. The two companies entered a long term partnership in 2015. Since then they jointly develop technologies for electric vehicles, connected-car technology, collaborated on advanced safety technologies, and expanded complimentary products.

The self-charging Mazda2 Hybrid is the perfect car for city life: with its expressive lines, attractive proportions, and compact size, it feels right at home in an urban setting – and is ready for any outer-city adventure. The newly introduced Mazda signature design elements express a sleek and sophisticated look. The 2024 Mazda2 Hybrid has received a new face with a true to Mazda bumper and grill design. Together with a unique rear – designed in the European Design Studio and featuring a liftgate garnish in body-colour – the setup creates a sporty look and gives the vehicle a mellow but expressive surface to showcase the craftsman's skill. In line with other Kodo designed models, the new Mazda2 Hybrid conveys a sense of vitality while keeping a simple stability and firmness at its core.

The Mazda2 Hybrid features cutting-edge intelligent hybrid technology which seamlessly transitions between electric, petrol and combination modes, giving the driver an agile and enjoyable driving experience in any situation. The compact car combines a 1490 cm<sup>3</sup>, 92 PS/68 kW three-cylinder petrol engine with a 59 kW electric motor for a total system power of 116 PS/85 kW. The 2024 hybrid accelerates from 0-100 km/h in 9.7 seconds and has a top speed of 175 km/h. It returns WLTP combined cycle fuel economy of only 4.2-3.8 l/100 km and CO<sub>2</sub> emissions of just 97-87 g/km (wheel size-dependent).

The Mazda2 Hybrid is a significant car for Mazda in Europe. The company is convinced that by offering a full range of sustainable technologies – ranging from battery-electric vehicles, hybrids and plug-in hybrids, to using a rotary engine as a power generator – a multi-solution strategy is an efficient and effective way to reduce emissions. With this strategy, Mazda will meet the European CO<sub>2</sub> emission targets through to 2030 and beyond. Mazda will further accelerate the electrification of its model range under the multi-solution approach: by 2030 the company will be offering a full range of electric vehicles for the most important segments of Europe. Ultimately, Mazda aims to achieve carbon neutrality in all its operations (including product, technology, manufacturing and sales) by 2050.

<sup>1</sup> Mazda2 Hybrid PRIME-LINE (combined) energy consumption 3,8 l/100 km; CO<sub>2</sub>-emissions 87 g/km; CO<sub>2</sub>-class B  
Mazda2 Hybrid CENTRE-LINE (combined) energy consumption 3,8 l/100 km; CO<sub>2</sub>-emissions 87 g/km; CO<sub>2</sub>-class B  
Mazda2 Hybrid EXCLUSIVE-LINE (combined) energy consumption 4,0 l/100 km; CO<sub>2</sub>-emissions 92 g/km; CO<sub>2</sub>-class B  
Mazda2 Hybrid HOMURA (combined) energy consumption 4,2 l/100 km; CO<sub>2</sub>-emissions 97 g/km; CO<sub>2</sub>-class C  
Mazda2 Hybrid HOMURA PLUS (combined) energy consumption 4,2 l/100 km; CO<sub>2</sub>-emissions 97 g/km; CO<sub>2</sub>-class C



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### **2| AT A GLANCE**

#### **EXTERIOR DESIGN**

- Unique front – with new bumper and grille – and rear – with garnish in body colour and Mazda Hybrid Badge – to showcase Mazda DNA.
- True Mazda 5-point grille aperture, elegant, dynamic styling and a strong stance.
- New exterior colour available for the Mazda2 Hybrid: Glass Blue
- One of the most compact vehicles in the B-segment, with class-leading 4.9 metre turning circle.
- LED head-, daytime running-, fog- and tail-light technology.
- Multi-spoke 15-, 16-, or new 17-inch alloy wheels create an overall impression of compact dynamism and agility.

#### **INTERIOR DESIGN**

- Long, 2,560 mm wheelbase offers comfortable accommodation for up to four adults, as well as 286 litres of loadspace.
- Wide, roomy cabin architecture with a focus on high visual and tactile quality. Dark roof lining, from Homura grade, gives the car a sportier feel.
- Intelligently configured, driver-focused cockpit layout, with low seat hip point and large reach adjustment to the sporty steering wheel.
- Bigger digital driver's instrument panel with central TFT multi-information screen, and up to 12.3-inch centre display touch-screen.
- Half leatherette sports seats, auto dimming rear view mirror and 10-inch colour Head-Up Display.

#### **MODEL GRADES AND EQUIPMENT**

- Available throughout Europe in a choice of five grades: Prime-, Centre- and Exclusive-line as well as Homura and Homura Plus.
- Mazda2 Hybrid Prime-line grade standard equipment includes: automatic air-conditioning, Apple CarPlay® and Android Auto™ running on a 9-inch Multimedia Display, a rear view camera and adaptive cruise control.



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- Mazda2 Hybrid Centre-line grade adds 15-inch alloys, a leather steering wheel and gear lever, electric rear windows, vanity mirrors for the driver and co-driver and rain-sensing wipers.
- Mazda2 Hybrid Exclusive-line grade adds smart keyless entry, 16-inch alloys, front and rear parking sensors and auto-fold side mirror.
- Mazda2 Hybrid Homura upgrades to 17-inch alloys, LED head- and fog lamps, wireless mobile phone charging, rear privacy glass and a 7-inch digital instrument screen.
- Mazda2 Hybrid Homura Plus gets all the before mentioned plus a Head-up Display, 10.5-inch Multimedia Display, 12.3-inch digital instrument screen, navigation system as well as a panoramic roof and vanity mirrors.

### **POWERTRAIN**

- Self-charging, full hybrid capable of operating in petrol and electric modes alone, as well as a combination of both.
- Hybrid system combines 1490 cm<sup>3</sup>, 92 PS / 68 kW three-cylinder petrol engine and 59 kW electric motor.
- Total system power of 116 PS / 85 kW, for 0-100 km/h in 9.7 seconds and a top speed of 175 km/h.
- WLTP combined fuel economy only 3.8 l/100 km and CO<sub>2</sub> emissions of just 87 g/km.
- At start-up and low to mid-range speeds, the vehicle automatically runs in EV mode.
- EV mode offers smooth, seamless, ultra-quiet running on electric motor power alone for long periods of time in urban environments, with zero CO<sub>2</sub>, NO<sub>x</sub> and particulate emissions from the engine.
- During normal driving, power allocation is adjusted between engine and electric motor for optimum performance with maximum fuel efficiency.
- During deceleration and under braking, kinetic energy is recovered as electrical energy for storage in the high-performance battery.
- Battery power level is constantly managed via an on-board generator, so there is never a requirement (or facility) to recharge the system from an external source by plugging the car in to a power outlet.

### **DRIVING DYNAMICS**

- Platform with exceptionally high torsional rigidity.
- Low centre of gravity and ideal weight distribution for reduced body roll, improved stability and short stopping distances.



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- MacPherson strut front and torsion beam rear suspension combines excellent ride comfort with further reduced body roll and enhanced agility.
- Notably low NVH (Noise, Vibration and Harshness) levels, offering occupants a quiet, refined cabin environment.

### SAFETY

- Maximum five-star Euro-NCAP crashworthiness rating.
- Full range of advanced and innovative driver-supporting safety technologies for class-leading active safety performance.
- i-Activsense features include: A Pre-Collision System (PCS) with vehicle detection, day and night pedestrian detection, and cyclist detection.
- Intersection Turn Assistance, Intelligent Adaptive Cruise Control and Road Sign Assist, Lane Departure Alert with Steering Control and Lane Trace Assist.
- Ultra-rigid bodyshell provides an incredibly strong and lightweight protective safety cell around the driver and passengers.
- One of the first cars in the B-segment to feature SRS centre airbags, which help prevent the driver and front passenger from colliding with each other.





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### 3| DESIGN



#### EXTERIOR

At just 3,940 mm long, 1,745 mm wide and 1,500 mm high, the Mazda2 Hybrid is one of the most compact vehicles in the B-segment. Its small footprint, short front and rear overhangs, as well as the tight, class-leading 4.9 metre turning circle make it equally at home in a congested urban environment and on the open road.

In 2024 the Mazda2 Hybrid gets a new face with a true to Mazda grill design and a more elegant rear.

At the front, the Mazda 5-point-grille aperture is flanked by sharply styled projecting headlamp clusters which extend far back into the front wings to visually reduce the length of the front overhang. They feature LED lamp technology and incorporate daytime running lights which also function as turn indicators. Below the headlamps a set of pentagonal air inlets frame the grille and create a recess for the LED fog lamp.



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The fog lamp-housing is covered in a six-sided pattern reminiscent of the Kai Concept, this pattern also extends to the distinctive black grille. The front spoiler has been updated to appear smoother, wider and has smaller air intakes. All three elements – grille, fog lamp-housing and the front-spoiler – combine to give the new Mazda2 Hybrid a more elegant styling and face.

In profile, the front and rear wing protrusions combine with subtle sculpting of the long bonnet, the front and rear door panels and multi-spoke 15- to 17-inch wheels to convey a sense of vitality while keeping a simple stability and firmness at its core.

Designed in close cooperation between the Mazda European Design Studio and the Mazda Headquarters in Japan, the rear of the 2024 Mazda2 Hybrid was reworked and now features a liftgate garnish in body-colour. This setup creates a sporty look and gives the vehicle a calm but expressive surface to showcase the craftsman's skill.



New exterior colour: Glass Blue

The 2024 Mazda2 Hybrid comes in seven exterior colours: Lunar White, Northern White Pearl, Stormy Silver, Lead Grey, Opera Black, Formal Red, and the new Glass Blue. All options feature black side mirrors and a shark fin antenna in body colour.

## INTERIOR

Despite an overall length of less than four metres, the Mazda2 Hybrid's long, 2,560 mm wheelbase offers comfortable and spacious accommodation for up to four adults, along with 286 litres of loadspace in the rear.

With a focus on high visual and tactile quality, the cabin architecture has been designed to create an intelligently configured cockpit layout for the driver, with all major controls and instrumentation laid out with ergonomic precision around the focal point of the steering wheel.

At the same time, the strong two-tiered horizontal elements of the dashboard design emphasise the overall width and roominess the cabin offers its passengers.





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Maximising both instrument clarity and all-round visibility, the cabin design combines a low instrument panel top surface with A pillars mounted as far back as possible for excellent forward visibility.

The driving position combines a low seat hip point to ensure adequate headroom for even the tallest drivers with a large reach adjustment range for the small, sporty steering wheel.

For the 2024 version multi-media screens have been enlarged across all lines: The driver's instrument panel features two digital dials and a centre TFT multi-information display screen with a maximum size of 12.3-inches. A maximum of a 10.5-inch touch-screen display in the centre of the cabin offers the driver all infotainment and vehicle information in a clear, easy-to-read, format with minimal distraction.

Steering wheel-mounted switchgear offers fast, intuitive control of numerous screen displays and multimedia systems, and an optional 10-inch colour head-up display provides drivers with essential information with even less distraction from the road ahead.





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### 4| MODEL GRADES AND EQUIPMENT

The 2024 Mazda2 Hybrid will be available throughout Europe in a choice of five grades: Mazda2 Hybrid Prime-line, Mazda2 Hybrid Centre-line, Mazda2 Hybrid Exclusive-line, as well as Mazda2 Hybrid Homura and Homura Plus.

Mazda2 Hybrid Prime-line grade models feature a comprehensive list of standard equipment which includes remote central locking, electric front windows, automatic air-conditioning, a 9-inch multimedia display including an audio system with two speakers, a hands-free system with Bluetooth® and steering wheel control buttons activating voice control, DAB, wireless Apple CarPlay® and Android Auto™, a USB-C connection, adaptive cruise control and LED rear combination lamps. Numerous safety features come now as standard, including the rear view camera, traffic sign recognition, automatic emergency braking and steering assist.

Mazda2 Hybrid Centre-line grade builds on the Mazda2 Hybrid Prime-line level specification with powered windows in the front and back, vanity mirrors for both the driver and passenger, a rear spoiler, rain sensing wipers, heated seats (in central and northern Europe, southern availability from Exclusive-line), a leather-trimmed steering wheel and gear lever as well as an improved audio system featuring six speakers.

The Mazda2 Hybrid Exclusive-line includes auto-fold side mirrors, a smart entry and start system, front and rear parking sensors, 16-inch alloy wheels, lumbar support and passenger seat height adjustment (both for LHD only) as well as a steering wheel heater (in northern and central Europe only).

Mazda2 Hybrid Homura builds on the Mazda2 Hybrid Exclusive-line specification with the addition of 17-inch alloy wheels and piano black exterior decoration, LED head-, fog- and rear turn lamps, rear privacy glass, an auto-dimming rear-view mirror, an enlarged digital driver centre meter measuring 7-inches in diameter, wireless mobile phone charging and half leatherette sports seats.

To upgrade further from the Homura Mazda now offers the Homura Plus version of the Mazda2 Hybrid: Adding on to the Homura specifications it features bigger displays: a 10.5-inch multimedia display and a 12.3-inch digital driver centre meter as well as a 10-inch colour Head-Up Display and navigation system. Furthermore a panoramic roof is added.



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### 5| POWERTRAIN

#### FULL HYBRID TECHNOLOGY

The self-charging Mazda2 Hybrid is a full series/parallel hybrid capable of operating in petrol and electric modes alone, as well as a combination of both. It delivers seamless acceleration and remarkably quiet operation – particularly in urban environments – whilst returning excellent fuel efficiency and the lowest possible emissions.

The 1.5 litre full hybrid system features a petrol engine, a powerful electric motor, a generator, a high-performance 177.6 V lithium-ion battery, a power control unit, and split device. The electric motor, generator and power split device are all housed in a compact transmission casing the size of a conventional gearbox.

Unlike a conventional, belt-driven CVT transmission (Continuously Variable Transmission), the hybrid system delivers driving torque through a power split device in the form of a planetary gear set which combines and re-allocates power from the engine, electric motor and generator according to operational requirements.

Located under the rear passenger seat, the lithium-ion battery has a high power density and is better able to supply current flow than nickel metal hydride alternatives. It can also recover energy under braking more efficiently and recharge the battery more quickly, enhancing the vehicle's EV performance during urban driving.

System power is provided by a 1490 cm<sup>3</sup>, three-cylinder Atkinson cycle petrol engine developing 92 PS / 68 kW at 5,500 rpm and 120 Nm of torque at 3,600-4,800 rpm, and a permanent magnet, synchronous 59 kW electric motor generating instant torque from 0 rpm and a maximum of 141 Nm from 0 to 3,995 rpm. The petrol engine and electric motor combine to give a total system power of 116 PS / 85 kW.

Over the course of any journey, the hybrid system uses power from both the petrol engine and electric motor in parallel, as well as alone, maximising the efficiencies of both units to achieve the optimum balance of driving performance and fuel efficiency.

At rest, the engine stops automatically to conserve fuel. Under operating conditions of low engine efficiency such as start-up and low to mid-range speeds, the vehicle automatically runs in EV mode.

Unique to full hybrid technology, EV mode allows for ultra-quiet running on electric motor power alone, resulting in zero fuel consumption and CO<sub>2</sub> and NO<sub>x</sub> emissions. In urban environments, the Mazda2 Hybrid can offer smooth, seamless electric motor-powered driving for long periods of time.



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As a result, Mazda2 Hybrid owners can enjoy the benefits of all-electric driving, but without recharging costs or concerns over remaining range and the availability of recharging points.

Under normal driving conditions, power allocation is constantly adjusted between engine and electric motor to combine optimum performance with maximum fuel efficiency.

During deceleration and under braking, the electric motor acts as a high-output generator to regenerate energy. Normally wasted as heat, kinetic energy is recovered as electrical energy for storage in the high-performance battery.

Battery power level is constantly managed via an engine-driven generator to avoid any requirement to recharge the system from an external source.

### PERFORMANCE

The Mazda2 Hybrid's full hybrid powertrain develops a total system power of 116 PS / 85 kW. This accelerates the vehicle from 0-100 km/h in 9.7 seconds, and on to a maximum speed of 175 km/h.

WLTP combined cycle fuel economy is only 3.8 l/100 km, and CO<sub>2</sub> emissions are just 87 g/km and when operating in EV mode, the Mazda2 Hybrid generates zero CO<sub>2</sub>, NO<sub>x</sub> and particulate emissions of the engine.





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### **6| DRIVING DYNAMICS**

#### **PLATFORM AND HIGHRIGIDITY BODYSHELL**

The Mazda2 Hybrid's platform is designed to complement its full hybrid powertrain, low centre of gravity and high rigidity bodyshell to provide owners with both an engaging, agile driving experience in the urban environment and a smooth, stable and comfortable ride on the open road.

Not only does the highrigidity bodyshell provide an excellent basis for class-leading safety levels, but it also offers excellent handling through fast, accurate chassis responses to steering inputs, improved ride comfort and low NVH (Noise Vibration and Harshness) levels.

Through the adoption of numerous body reinforcements, a highly rigid dashboard panel, and the extensive use of spot welds and bonding adhesives, the Mazda2 Hybrid's platform delivers exceptionally high torsional rigidity.

Various additional measures further bolster platform rigidity. These include the connection of the vehicle's longitudinal beams to the bumper reinforcements, the use of the top of the front suspension shock absorber as the upper steering pivot, and the creation of ring structures in the dash/cowl area, the central tunnel and rear structure, and the rear wheelhouse and pillar.

#### **LOW CENTRE OF GRAVITY**

The Mazda2 Hybrid has a particularly low centre of gravity. Created by locating heavy components as close to the centre of the car and as low as possible, this both reduces body roll and improves stability during higher speed cornering.

The car also benefits from excellent front/rear and left/right weight distribution, which further reduces body roll whilst improving both stability under braking and stopping distances.

#### **SUSPENSION**

The Mazda2 Hybrid's suspension system features low-friction MacPherson struts to the front, and a torsion beam to the rear. The top of the front suspension shock absorbers functions as the upper steering pivot and the optimised suspension angle facilitates the ideal alignment of shock absorbers and coil springs, reducing vibration.





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The exceptionally stiff rear torsion beam reduces cornering body roll and enhances the car's agility. Allied to the high rigidity bodyshell and ideal weight distribution, softer rear springs offer great ride comfort in the Mazda2 Hybrid.

### LOW NVH

The platform of the Mazda2 Hybrid contributes to notably low noise and vibration levels, offering occupants a quiet, refined cabin environment.

Both platform and bodyshell have been designed to reduce cabin noise intrusion, with a particular focus on the soundproofing of the dashboard and floor panels. Whilst also enhancing structural rigidity, the extensive use of bodyshell sealing further improves cabin quietness.





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### 7| SAFETY

The Mazda2 Hybrid is equipped with a full range of advanced and innovative driver-supporting safety technologies that deliver class-leading active safety performance – showcased by the maximum five-star Euro-NCAP crashworthiness rating.

These i-Activsense intelligent sensor-based systems aim to minimise the risk of an accident by helping the driver recognise hazards, maximise the range of conditions in which the driver can safely operate the vehicle, and reduce the severity of accidents when they cannot be avoided for both occupants and pedestrians.

The i-Activsense package for the Mazda2 Hybrid includes: A Pre-Collision System (PCS) with vehicle detection, day and night pedestrian detection, daytime cyclist detection, Intersection Turn Assistance, Intelligent Adaptive Cruise Control and Road Sign Assist, Lane Departure Alert with Steering Control and Lane Trace Assist.

These systems are underpinned by the ultra-rigid bodyshell of the Mazda2 Hybrid, which provides an incredibly strong and lightweight protective safety cell around the driver and passengers. The Mazda2 Hybrid is also one of the first cars in the B-segment to feature SRS centre airbags. In the event of a side impact, these deploy to help prevent the driver and front passenger from colliding with each other.

The Mazda2 Hybrid's comprehensive range of active safety systems includes the following:

#### ADVANCED SMART BRAKE SUPPORT

Advanced SBS uses a forward-facing camera to detect vehicles, pedestrians and cyclists ahead and help avoid collisions or mitigate damage in the event one does occur. The collision avoidance support system operates within a vehicle-to-vehicle speed range of 180 km/h. It can also detect pedestrians, by day or night at speeds of up to 80 km/h, as well as cyclists.

#### EMERGENCY STEERING ASSIST

Emergency Steering Assist helps the driver steer when there is a risk of collision with an obstacle or pedestrian ahead and they must swerve to avoid impact. The system provides additional steering torque to enhance vehicle stability and help the driver maintain control of the car.



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### **INTERSECTION TURN ASSISTANCE**

Operating at speeds between 10 and 25 km/h, this system helps drivers avoid collisions with another vehicle or a pedestrian when making a turn at an intersection. If the system detects an oncoming pedestrian crossing the carriage way the vehicle is about to turn into, or if there is a risk of the vehicle moving into the path of oncoming traffic, it will sound an alert and – if the driver fails to respond – apply emergency braking.

### **INTELLIGENT ADAPTIVE CRUISE CONTROL AND ROAD SIGN ASSIST**

The adaptive cruise control of the Mazda2 Hybrid operates at speeds from 0 to 180 km/h. It will bring the car to a complete stop if the vehicle in front comes to a halt, and automatically restart the car if the stop is less than three seconds in duration. After a longer stop, the car can be restarted with slight pressure on the accelerator.

The system will also work in conjunction with the car's Road Sign Assist, suggesting an appropriate new speed setting to the driver when changes in speed limits are recognised.

### **LANE TRACE ASSIST WITH LANE DEPARTURE ALERT AND STEERING CONTROL**

If the vehicle unintentionally strays from its traffic lane, crossing a lane marking without the indicator in operation, a warning sounds. The driver can also select steering control, which will automatically keep the vehicle centred in the chosen lane.

Because the system can identify standard white and yellow road markings, and also kerbed, grass or earth road margins, steering assistance is available for more of the time, both on straight and curved roads. If road markings are obscured or undetected, the system will automatically follow the path of the car in front whilst keeping within the traffic lane.



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### BLIND SPOT MONITOR WITH REAR CROSS TRAFFIC ALERT

The Blind Spot Monitor detects approaching vehicles from the sides and rear and alerts the driver. Rear Cross Traffic Alert features an automatic braking function that activates if cross traffic is detected when reversing, or a stationary hazard when parking.



### INTELLIGENT PARKING SENSORS WITH AUTOMATIC BRAKING

The parking sensor sonar system helps owners detect and avoid objects when parking. If the ultrasonic sensors at the rear of the car detect an object that is about to be hit the system automatically activates braking to avoid a collision.



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### 8| TECHNICAL SPECIFICATIONS 2024 MAZDA2 HYBRID

#### DIMENSIONS

		MAZDA2 HYBRID
<b>Body Type</b>		<b>HATCHBACK</b>
Doors		4 + liftgate
Seating capacity		5
<b>Measurements</b>		
Overall length (without licence plate holder)	mm	3,940
Overall width	mm	1,745
Overall width (mirror to mirror)	mm	2,020
Overall height	mm	1,500
Wheelbase	mm	2,560
Tread front	mm	1,531
Tread rear	mm	1,528
Turning circle diameter (wall-to-wall)	m	10.4 (15"), 11.0 (16"), 11.6 (17")
Ground clearance between axles (laden), w. driver 75kg	mm	135
<b>Boot</b>		
Boot volume - VDA (without underfloor storage space)	l	286
Boot volume with rear seats folded down to roof height according to VDA standard	l	935
<b>Weight</b>		
Minimum curb weight	kg	1,105 – 1,135
Perm. gross vehicle weight	kg	1,615
Perm. axle load front/rear (kg)	kg	900 / 840
Payload	kg	480 – 510
Towing capacity at 12 % incline braked	kg	450
Towing capacity unbraked	kg	450
Max. Roof load	kg	50





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### ENGINES & PERFORMANCE

		MAZDA2 HYBRID
Drivetype		full hybrid system
Powertrain		FWD
Transmission		CVT
Max. speed	km/h	175
Acceleration (0-100 km/h)	s	9,7
Max. <b>combined</b> output	kW (PS) / rpm	85 (116) / 5,500
Power / torque <b>electric motor</b>	kW (PS) / Nm	59 (80) / 141
Battery type		Lithium-ion
Battery capacity	Ah	4.3
Battery voltage	V	177.6
Battery weight	kg	21.5
Power / torque <b>engine</b>	kW (PS) / Nm	68 (92) / 120
Engine type		1.5 l petrol engine
Internal combustion engine		front transversely mounted four-stroke petrol engine
Number of cylinders/arrangement		3 inline
Displacement	cm <sup>3</sup>	1,490
Bore x stroke	mm	80.5 x 97.6
Compression ratio		14.0 : 1
Fuel tank capacity	l	36
Recommended fuel type		95 RON
Fuel Consumption (WLTP) <sup>1</sup> combined	l/100 km	3.8 (15") / 4.0 (16") / 4.2 (17")
Emission regulations		Euro6 AP
CO <sub>2</sub> emissions (WLTP) combined	g/km	87 (15") / 92 (16") - 97 (17")
CO <sub>2</sub> class		B (15" & 16") / C (17")

<sup>1</sup> Vehicles are homologated in accordance with the type approval procedure WLTP (Regulation (EU) 2017/1151; Regulation (EC) 715/2007)



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### STEERING, SUSPENSION, WHEELS & BRAKES, SOUND

		MAZDA2 HYBRID
<b>Steering</b>		
Steering type		Electric Power Steering
<b>Suspension</b>		
Front suspension		MacPherson strut
Rear suspension		Torsion beam axle
<b>Wheel &amp; Tyres</b>		
Wheel size		6 J 15
		6 J 16
		6.5 J 17
Tyre size		185/65 R15
		195/55 R16
		205/45 R17
<b>Brakes</b>		
Type front		Ventilated disc
Type rear		Solid disc
Diameter front	mm	282 (Rotor outer diameter)
Diameter rear	mm	282 (Rotor outer diameter)
<b>Sound</b>		
Driving noise	dB(A)	70
Stationary noise	dB(A)	72 at 2700 rpm



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