



MGU9 EV

— Product Guide





Product Guide

- The purpose of the Product Guide is to give directional guidance to sales and marketing regarding the product related activities by summarizing the product highlights and providing ideas and concepts for highlights development.
- The product guide should be localized according to regional situations. **The final status of product is subject to actual SOP.**
- The images shown in the material are for illustration purpose only. **The final image is subject to market release.**
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- Dimensions
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Practical Space

- Storage Features
- Cargo Space
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- Towing and Roof Rack
- V2L



01.

Design





MGU9 EV is a premium electric pickup designed with a new electrified mecha design language. Inspired by Interstellar Exploration, its exterior blends a bold off-road form with distinctive electrified mecha accents. The interior draws aesthetic inspiration from industrial-style products.

1

Exterior

2

Interior





Exterior Design

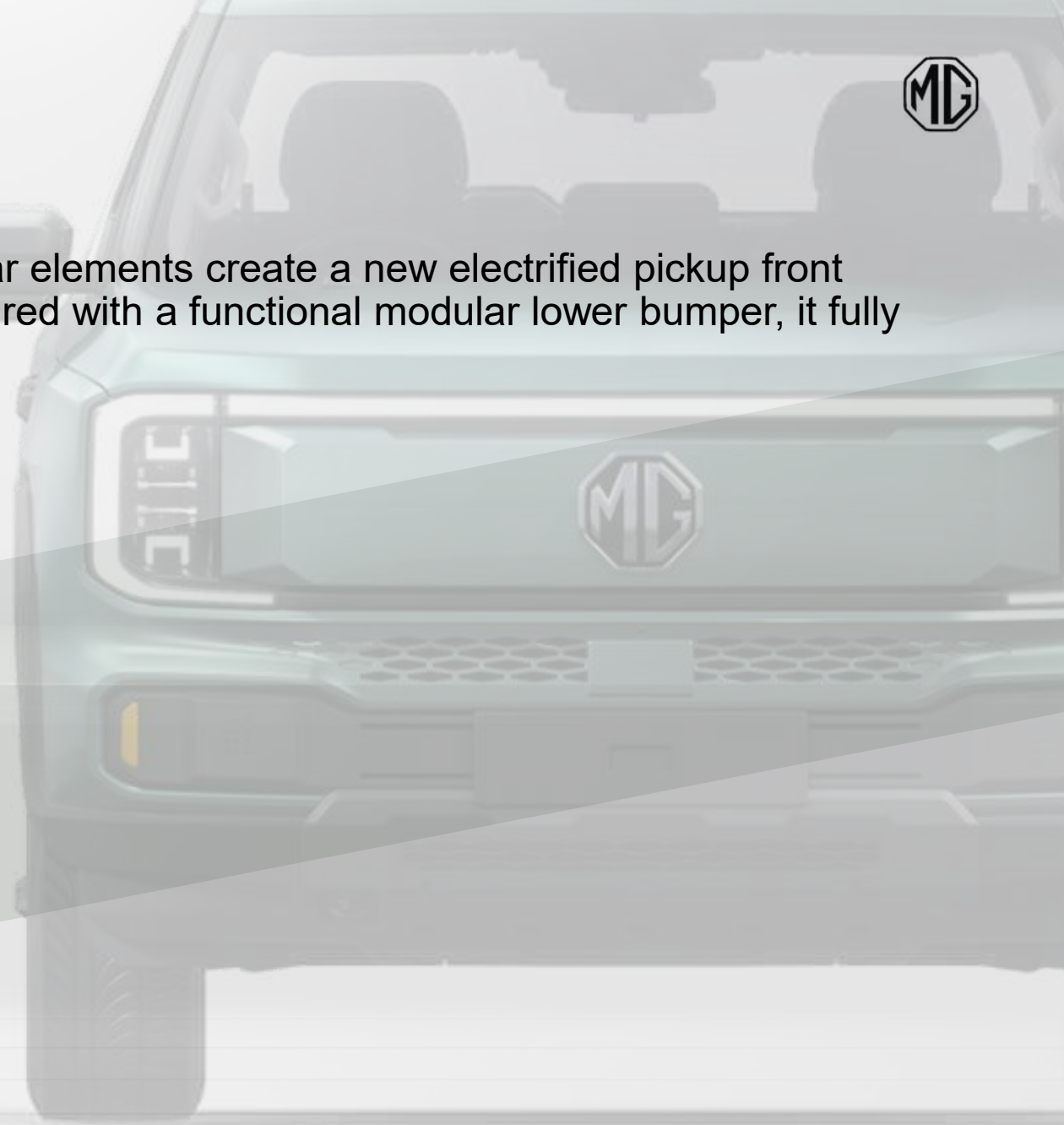
A bold off-road form enhanced by electrified mecha elements delivers a layered aesthetic expression. Centered around the theme of “Interstellar Exploration,” it showcases the design philosophy of “New Electrified Mecha.”





Front Face

Three-dimensional sculptural ring-shaped modular elements create a new electrified pickup front fascia with a strong sense of futuristic energy. Paired with a functional modular lower bumper, it fully expresses its powerful, dynamic stance.





Nebula Headlights

The wide, three-dimensional Nebula headlamps wrap around the front, echoing the vehicle's bold and muscular styling. The U-shaped crystal DRLs frame the dual projector lenses, resembling open “eyes”.





Profile

Interlocking vertical and horizontal lines, precise geometric cuts, and clean straight edges present a clean and powerful character. The balanced profile tension reinforces its muscular stance and mecha character.





Wheel

Cyclone-inspired wheels highlight a bold power aesthetic and emphasize the pickup's body stance. Integrated with functional wheel arch and lower-body detailing, it further reinforces the vehicle's rugged strength.



20 inches



19 inches



Rear

An integrated taillight and tailgate panel design ensures seamless continuity with the front and side styling, enhancing the pickup's robust, mechanical character.



Taillight

The “Gate of Space-Time” taillight stretches across the rear, echoing the front lighting. Clean, straight lines create a strong sense of power, complementing the vehicle’s premium sporty character.





Exterior Color

MGU9 EV offers five exterior color options, reflecting the pickup's composed and confident character while meeting diverse individual preferences.



HIGHLAND
GREEN



RIVERSTONE
BLUE



MIDNIGHT
BLACK



PEARL
WHITE



CANYON
GREY



Interior Design

The overall interior design draws aesthetic inspiration from industrial products, creating a multidimensional space tailored to meet the expansion needs of hardcore pickup users.





The horizontal instrument panel is complemented by vertically rising air outlets on both sides. Generous soft-touch materials and sculpted surfaces deliver a bold, muscular feel while maintaining a premium, upscale ambiance.





CNSL



The straight-through CNSL conveys a bold, premium mecha-inspired feel. Thoughtfully arranged functions and storage compartments keep the CNSL clean and practical.





Gear Lever

The aircraft-style gear lever highlights the vehicle's strong performance and brings a cockpit-like driving experience, full of power, speed, and futuristic appeal.





Screens

A dual integrated floating touchscreen setup provides a clean, intuitive interface and a modern high-tech feel. The hollowed-out frame design enhances the industrial-inspired character.





Seats

Ergonomically engineered seats enhance lumbar support and provide improved support for the head, back, and legs, ensuring comfort during long journeys.





02.

Power & Handling





MGU9 EV adopts a dual-motor AWD system, powered by a 102.2kWh high-capacity battery for a range of up to 430km. Front and rear independent suspension with air springs, combined with ATS 3.0, provides excellent handling and off-road capability.

1

Motor

2

Battery

3

**Thermal
Management**

4

Chassis

5

Handling





Front & Rear Permanent Magnet Synchronous Motors

MGU9 EV features a dual-motor layout, delivering a combined maximum power of 325 kW and a combined maximum torque of 700 Nm, providing robust propulsion.

Motor Specs

- Max Power (kW, Front / Rear): 125 / 200
- Max Torque (Nm, Front / Rear): 250 / 450
- Max Speed (rpm): 17,000
- Peak System Efficiency (with Controller, Front / Rear): 93.3% / 93.96%

Performance

- 0-100kph: 5.8s
- Top Speed: 190kph

MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Powertrain	Dual-Motor EV	1.5T Gasoline + Dual-Motor PHEV	Dual-Motor EV
Max Power (kW, Combined)	325	321	144
Max Torque (Nm, Combined)	700	650	473
0-100kph (s)	5.8	5.7	~9

※HiLux EV expected to launch in H1 2026.



Front Motor Technical Highlights

The front motor employs a 5-layer I-pin flat-wire winding and integrates auxiliary slots, skewed pole design, optimized gear engagement, and self-optimized housing modal topology. These technologies deliver strong performance and high efficiency.

Front Motor Key Technologies

- 5-layer I-pin flat-wire winding boosts slot fill rate for higher power density.
- Auxiliary motor slots improve magnetic field waveform and rotor skew, reducing noise and vibration during operation.
- Gear transmission is optimized with refined design and machining of tooth profile, tooth surface, and engagement clearance, minimizing noise, vibration, energy loss, and component wear.
- Housing modal topology self-optimization reduces resonance and increases stiffness while achieving weight reduction.

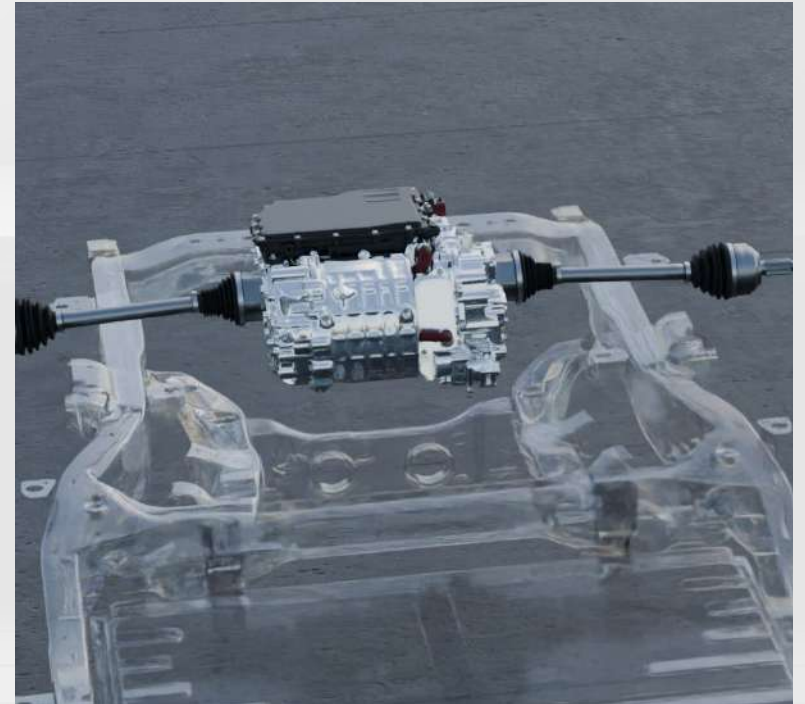


Rear Motor Technical Highlights

The rear motor adopts an 8-layer hairpin flat-wire winding and a lightweight aluminum-magnesium alloy housing. With auxiliary slots, rotor skew design, optimized gear engagement, and self-optimized housing modal topology, it delivers enhanced power output.

Rear Motor Key Technologies

- 8-layer hairpin flat-wire winding enables higher power and torque output.
- Lightweight aluminum-magnesium alloy housing improves heat dissipation compared with conventional cast iron or standard aluminum alloy.
- Auxiliary motor slots improve magnetic field waveform and rotor skew, reducing noise and vibration during operation.
- Gear transmission is optimized with refined design and machining of tooth profile, tooth surface, and engagement clearance, minimizing noise, vibration, energy loss, and component wear.
- Housing modal topology self-optimization reduces resonance and increases stiffness while achieving weight reduction.



Drive Strategy

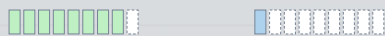
MGU9 EV features a rear-biased dual-motor setup, with the front motor assisting when needed. Prioritizing low energy consumption, the system dynamically distributes torque according to driving conditions.

Motor Operating Logic

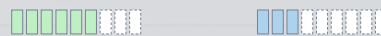
- Front and rear motors operate in real time to provide propulsion.
- Rear motor–dominant drive, with the intelligent motor control unit dynamically allocating torque according to driving conditions and driver demand.
- Supports AWD in reverse, with both motors operating simultaneously.
- The front motor never independently drive the vehicle.



Front–Rear Motor Dynamic Torque Distribution



Normal Conditions
Rear-biased drive, with the front motor assisting as needed.



Rear-Wheel Slip
Torque is shifted forward — rear output is reduced and front output increased to restore traction.



Extreme conditions (e.g., severe rear-wheel slip)
Front motor torque may surpass rear motor torque.



430km Range

MGU9 EV is equipped with a 102.2kWh high-capacity LFP battery with SAIC CATL cells, delivering a driving range of up to 430km.

Range

- AWD version: 430km (WLTP)

Battery Specs

- Capacity: 102.2kWh
- Nominal Voltage: 327V (vehicles with 300–500V voltage, commonly referred to as 400V architecture)
- Pack Energy Density: 142Wh/kg
- Pack Dimensions: 172mm×167.8mm×45.7mm
- Cell Count: 208



MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Capacity (kWh)	102.2	29.58	59.2
EV Range (km, WLTP)	430	100	240

Battery Safety

The battery cells are housed in a reinforced grid structure, with the pack safeguarded by the chassis frame rails for enhanced protection. Stable LFP chemistry, combined with extensive thermal insulation and flame-retardant materials, minimizes the risk of thermal runaway.

Protection Structure

- A dedicated hexagonal battery frame is integrated with the chassis geometry, ensuring the pack is fully enclosed within the protection zone of the frame rails.
- A steel underbody skid plate shields the battery from scrapes and impacts.
- An internal aluminum-alloy grid structure reinforces the pack for improved impact resistance.



Thermal Safety

- The cathode material uses highly stable LFP chemistry, with a thermal runaway temperature exceeding 800°C.
- Flame-retardant materials and thermal insulation foam between cells help contain thermal runaway, reducing the risk of propagation to neighboring cells.

High-Efficiency Charging

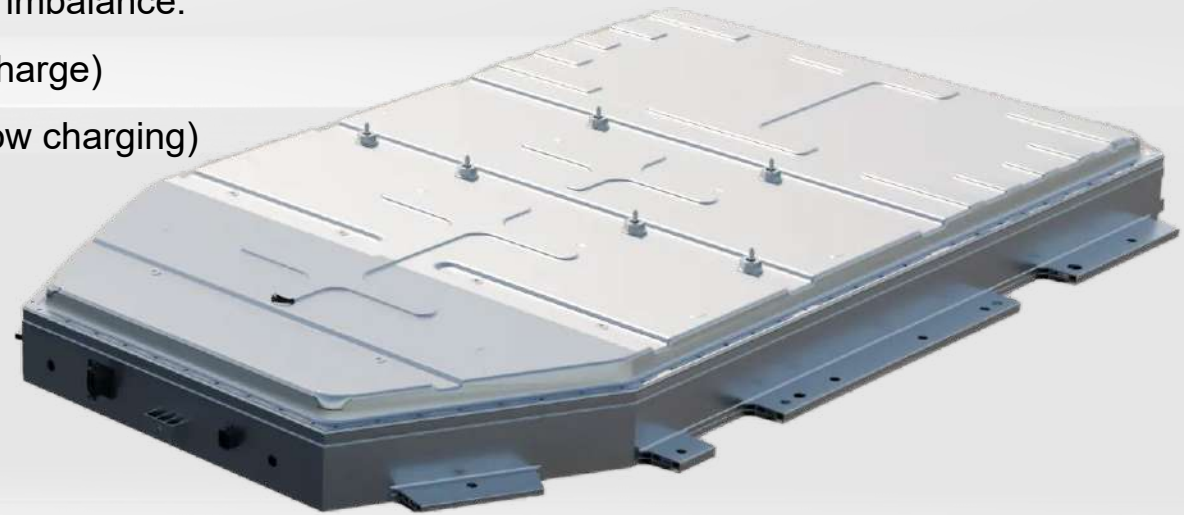
MGU9 EV utilizes liquid cooling for precise temperature management, ensuring excellent charging and discharging performance under low-temperature conditions. 20–80% charge in 42 minutes.

Battery Thermal Management

- Liquid-cooled system actively regulates battery temperature, delivering efficient heating and cooling while preventing localized thermal imbalance.
- Minimum Operating Temperature: -30°C (Discharge), -20°C (Charge)
- Target Temperature: $20^{\circ}\text{C}\sim 25^{\circ}\text{C}$ (Fast charging), $5^{\circ}\text{C}\sim 10^{\circ}\text{C}$ (Slow charging)

Charging

- Max DC Power: 115kW
- 20–80% DC Charge Time: 42min
- Max AC Power: 11kW
- 5–100% AC Charge Time: 12h



9-Channel Valve Thermal Management System

MGU9 EV features an integrated high-efficiency thermal management system. The 9-channel valve couples the cabin, battery and e-drive (including power electronics) to optimize heat utilization. Compared with single-PTC, it delivers up to 10% more range in low-temperature conditions.

High-Efficiency Thermal Management

- The 9-channel valve connects the cabin, e-drive (including power electronics), and battery thermal systems to maximize overall heat efficiency.
- Highly integrated components further improve system performance and control precision.
- A 10kW high-power PTC heater ensures strong and stable heating in extreme cold climates.
- The indirect high-efficiency heat pump significantly lowers winter heating energy consumption, extending cold-weather range.
- A dual-source heat pump (air + water) enables efficient thermal operation across diverse driving conditions.

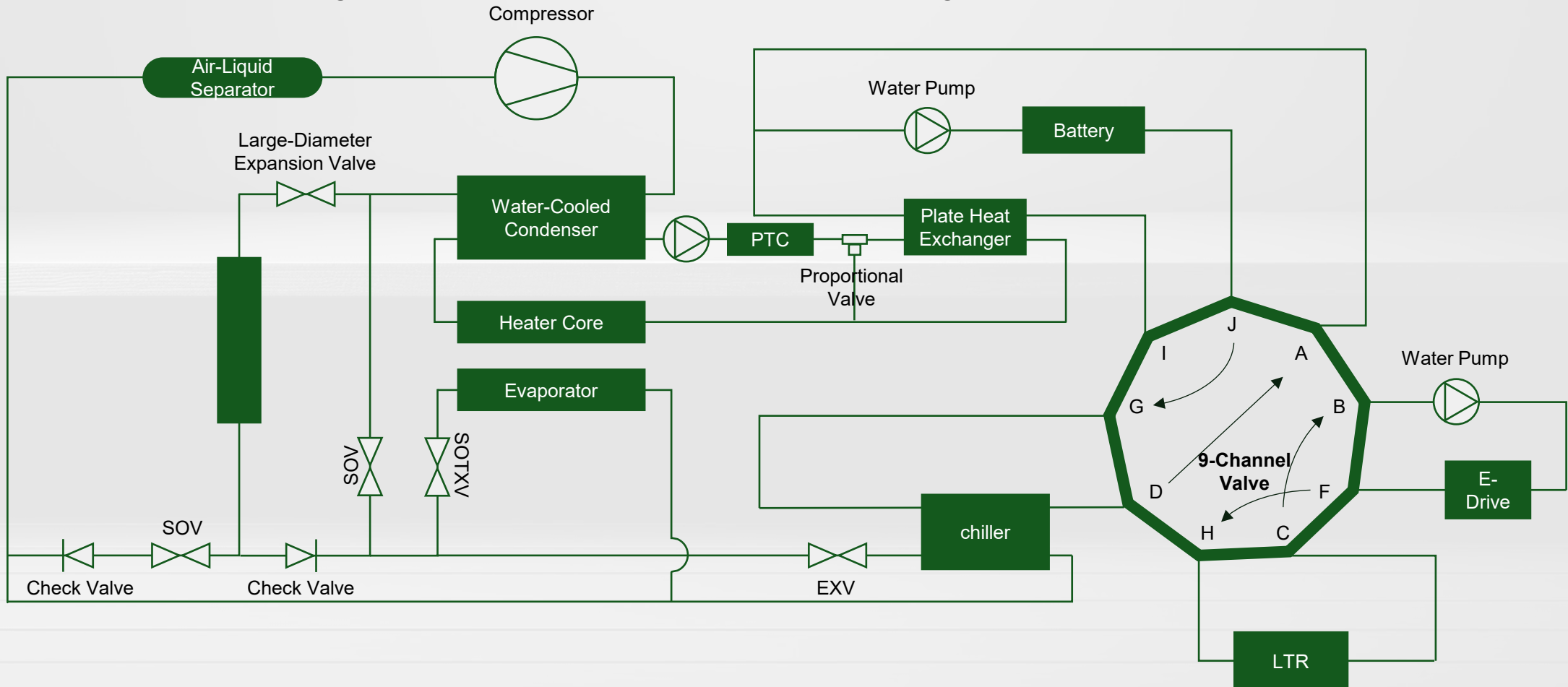


10%



9-Channel Valve Thermal Management Architecture

MGU9 EV features an integrated high-efficiency thermal management system. The 9-channel valve couples the cabin, battery and e-drive (including power electronics) to optimize heat utilization. Compared with single-PTC, it delivers up to 10% more range in low-temperature conditions.





9-Channel Valve Thermal Management Function Modes

MGU9 EV features an integrated high-efficiency thermal management system. The 9-channel valve couples the cabin, battery and e-drive (including power electronics) to optimize heat utilization. Compared with single-PTC, it delivers up to 10% more range in low-temperature conditions.

31 Thermal Scenarios for Full System Coupling and Optimal Heat Use

1	A/C cooling/dehumid + battery self-circ + e-drive self-circ
2	A/C cooling/dehumid + battery self-circ + e-drive LTR cool
3	A/C cooling/dehumid + battery LTR cool + e-drive self-circ
4	A/C cooling/dehumid + battery chiller cool + e-drive LTR cool
5	Battery self-circ + e-drive self-circ
6	Battery self-circ + e-drive LTR cool
7	Battery LTR cool + e-drive self-circ
8	Battery chiller cool + e-drive LTR cool
9	Heat pump heat (PTC off) + battery self-circ + e-drive self-circ
10	Heat pump heat (PTC off) + battery self-circ + e-drive LTR cool
11	Heat pump heat (PTC off) + battery LTR cool + e-drive self-circ
12	Heat pump heat (PTC off) + motor waste heat → chiller + battery self-circ
13	Heat pump heat (PTC off) + battery waste heat → chiller + e-drive self-circ
14	Heat pump heat (PTC on) + battery self-circ + e-drive self-circ
15	Heat pump heat (PTC on) + battery self-circ + e-drive LTR cool

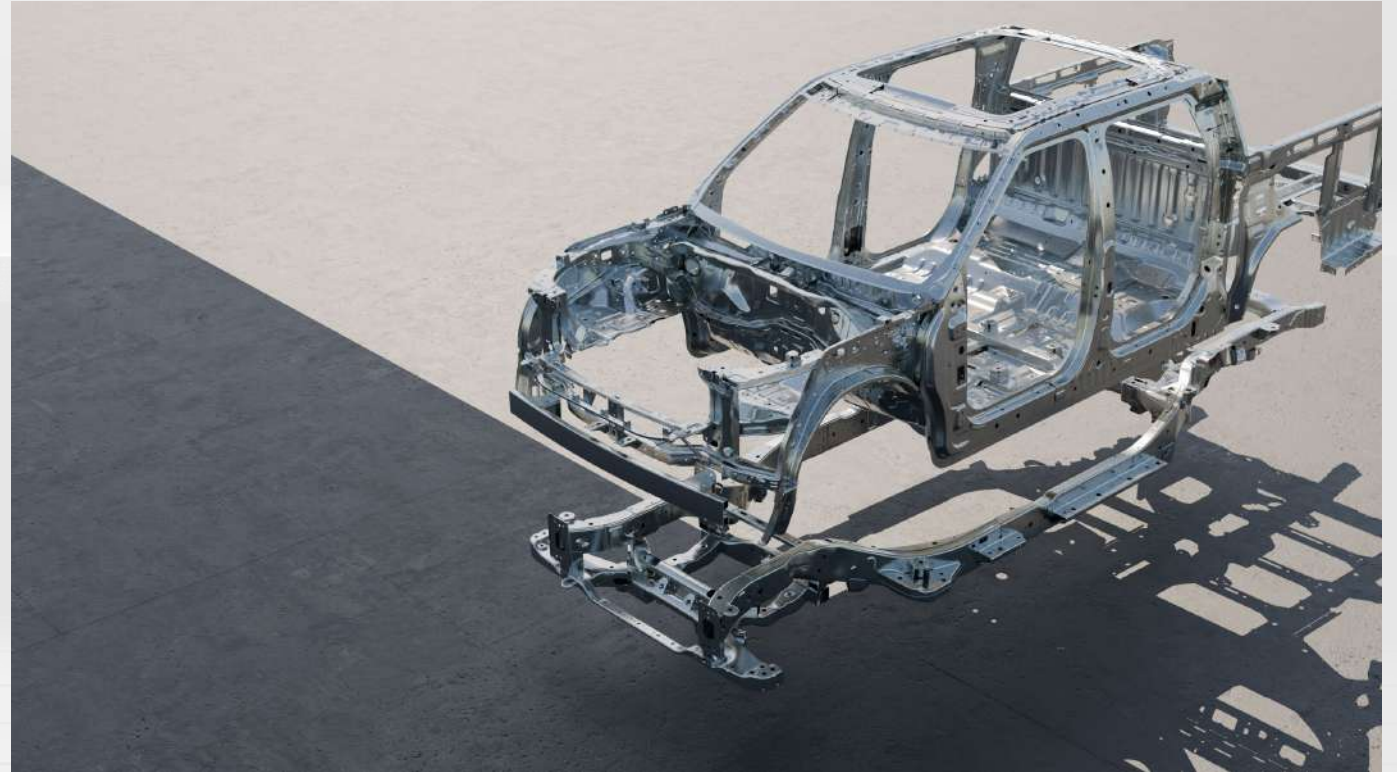
16	Heat pump heat (PTC on) + battery LTR cool + e-drive self-circ
17	Heat pump heat (PTC on) + motor waste heat → chiller + battery self-circ
18	Heat pump heat (PTC on) + battery waste heat → chiller + e-drive self-circ
19	WPTC heat + battery self-circ + e-drive self-circ
20	WPTC heat + battery self-circ + e-drive LTR cool
21	WPTC heat + battery LTR cool + e-drive self-circ
22	Heat pump heat (PTC off) + dehumid + battery self-circ + e-drive self-circ
23	Heat pump heat (PTC off) + dehumid + battery self-circ + e-drive LTR cool
24	Heat pump heat (PTC off) + dehumid + battery LTR cool + e-drive self-circ
25	Heat pump heat (PTC off) + dehumid + motor waste heat → chiller + battery self-circ
26	Heat pump heat (PTC off) + dehumid + battery waste heat → chiller + e-drive self-circ
27	Heat pump heat (PTC on) + dehumid + battery self-circ + e-drive self-circ
28	Heat pump heat (PTC on) + dehumid + battery self-circ + e-drive LTR cool
29	Heat pump heat (PTC on) + dehumid + battery LTR cool + e-drive self-circ
30	Heat pump heat (PTC on) + dehumid + motor waste heat → chiller + battery self-circ
31	Heat pump heat (PTC on) + dehumid + battery waste heat → chiller + e-drive self-circ

Rigid Body-Chassis Connection

30 fixed attachments create a rigid connection between body and chassis, ensuring the longitudinal strength required for towing and load-bearing, while also improving lateral force distribution during side movements and cornering.

Rigid Connection

- 15 bolts per side connect the body and chassis, creating a structure similar to a unibody design while retaining the high strength, load-bearing capacity, and torsional rigidity of a body-on-frame construction.



Front & Rear Independent Suspension

MGU9 EV comes with a front double-wishbone and rear multi-link suspension. Independent front and rear suspension boosts handling and comfort, while the Flagship model adds air suspension for an even smoother ride.

Front & Rear Suspension

- Double-wishbone front independent suspension
- Multi-link rear independent suspension

Springs

- Coil Spring (Luxury)
- Air Spring (Flagship)



MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Front Suspension	Double-wishbone (independent)	Double-wishbone (independent)	Double-wishbone (independent)
Rear Suspension	Multi-link (independent)	Double-wishbone (independent)	Leaf spring (non-independent)
Spring	Coil Spring or Air Spring	Coil Spring	Coil Spring & Leaf Spring

Double-Wishbone Front Suspension

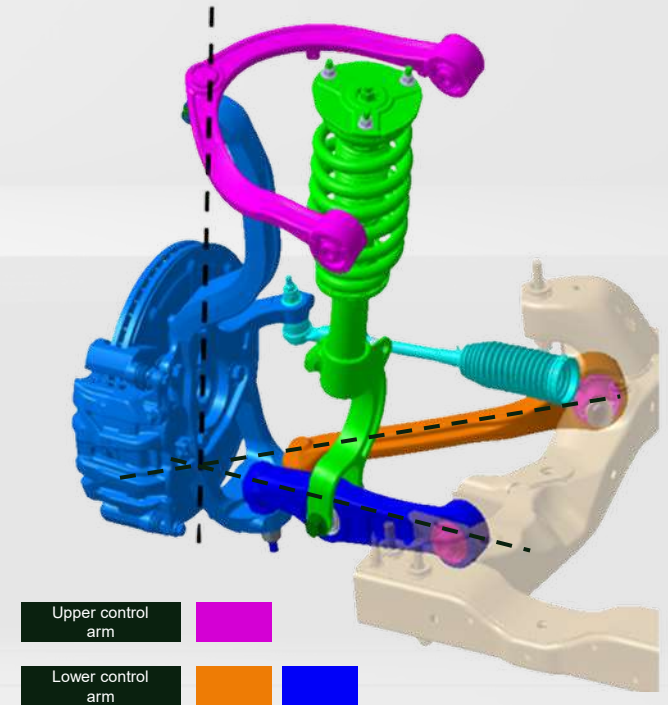
The front suspension adopts a double-wishbone structure, offering strong anti-roll capability and more precise wheel control, improving handling on challenging roads.

Double-Wishbone

- Forged aluminum control arms reduce weight while maintaining strength.
- Dual ball joints on the lower arm decouple stiffness in different directions. The outer ball joint of the upper control arm is repositioned above the tire, shortening the spindle length and improving handling stability.
- Spring and damper mounted near the wheels to reduce roll/pitch, improving stability and better absorbing road shocks to improve ride comfort.

Suspension Travel

- Coil Spring: Max upward wheel travel 140mm, max downward travel 120mm, total travel 260mm
- Air Spring: Max upward wheel travel 110mm, max downward travel 110mm, total travel 220mm



Rear Multi-Link Suspension

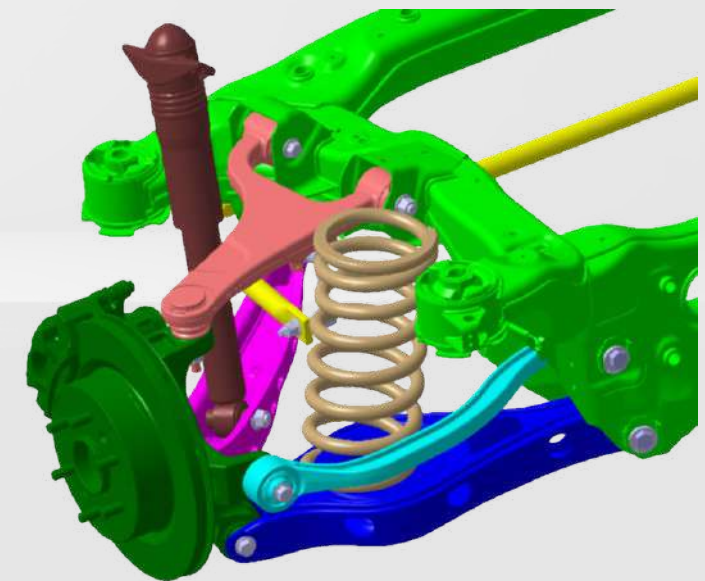
The independent rear multi-link suspension boosts handling and comfort without compromising load capacity.

Multi-Link

- Forged steel A-shaped upper arm and control arms; stamped steel lower arms
- An integrally forged A-arm and high-strength independent rear subframe deliver outstanding load capacity.
- Modular control arm design provides multi-point control for decoupled performance, improving handling.
- Separate damper and spring design maximizes cargo space and allows for precise tuning, improving handling.

Suspension Travel

- Coil Spring: Max upward wheel travel 125mm, max downward travel 105mm , total travel 230mm
- Air Spring: Max upward wheel travel 110mm, max downward travel 140mm, total travel 250mm



A-shaped upper arm

Front Control Arm

Lower rear control arm

Lower front control arm



Air Springs

Some versions of MGU9 EV are equipped with air springs, which can adjust vehicle height and support 10 key functions across a wide range of scenarios.

Air Springs

- The single-chamber air suspension is simple and highly reliable. Air drawn by the compressor is dried, filtered, and directed into the air springs via valves to raise the vehicle. Lowering the vehicle is achieved by releasing air from the springs, ensuring quick response.
- Height is adjustable in five levels: -40mm, -20mm, 0, 30mm, 75mm.
- Air suspension provides 10 functions.

3 Active Adjustment Functions

Self-Leveling	Keeps the vehicle at the preset height when axle load changes.
Speed-Based Adjustment	Lowers ride height as speed rises to improve stability and range.
Welcome Mode	Drops height by 20mm for easier boarding and alighting.

3 Manual Functions

Height Adjustment	Manually select ride height to suit various road surfaces and driving preferences.
Easy Loading	Lowers cargo area by ~60 mm for convenient loading/unloading.
Driving Mode	Suspension height adjusts with driving mode to enhance performance.

4 Extended Functions

Service Mode	Engaged during vehicle maintenance lifts to prevent air suspension inflation or deflation.
Onboard Scale	Allows customers to check cargo weight and ensure the vehicle is not overloaded.
Camp Mode	When using a tent or converting the vehicle to a camper with electric stabilizer legs, this mode prevents automatic height adjustments.
Towing Mode	Maintains ride height at a set level when towing a trailer to improve driving safety.

Steering System

Equipped with a DP-EPS steering system with three adjustable levels of assistance for various driving environments.

DP-EPS

- Separated steering motor and shaft make the assist point closer to the wheels, providing more direct feedback, clearer road feel, and greater steering assistance.
- Three adjustable assist levels—Standard, Comfort, Sport—for diverse driving scenarios.
- 18.97 steering ratio ensures precise control in off-road and towing conditions.
- Inner wheel max. steering angle: 38° ; outer wheel max. steering angle: 32° ; min. turning radius: $13.3 \pm 1\text{m}$.



(DP-EPS Illustration)

Braking System

Equipped with a high-performance braking system, it offers stable performance with a 100km/h to 0 stopping distance of just 44.4m.

Electronic System

- Bosch iBooster system for smarter, more efficient braking.
- Seamless integration with ESP and AEB ensures precise brake control.

Brakes

- 385×28mm front ventilated discs; 385×16mm rear solid discs.
- Dual-piston calipers in the front, single-piston calipers in the rear.
- Low-metallic brake pads used on both front and rear wheels.

Braking Performance

- 100–0km/h braking distance: 45.3m (loaded), 44.4m (unladen).



Bosch iBooster



Brake (Illustration)

Three-Level Regen

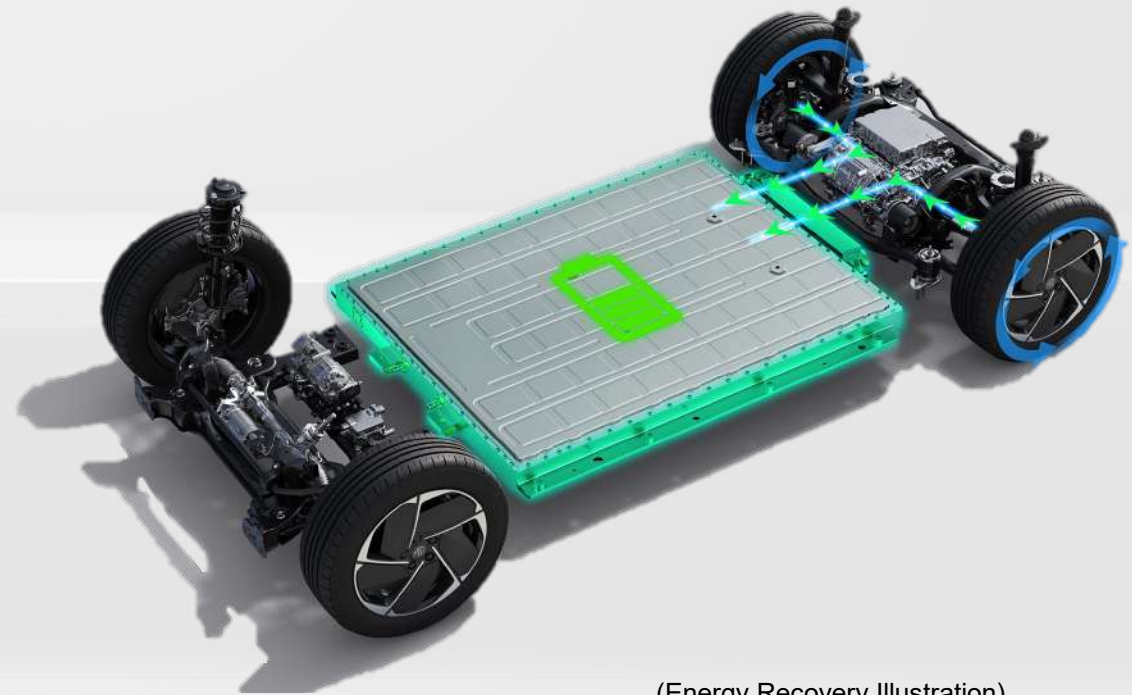
MGU9 EV features an energy recovery system with three adjustable levels, optimizing the balance between range and driving experience.

Energy Recovery

- Most deceleration during daily driving is handled by the energy recovery system.
- Improves energy efficiency and extends driving range.
- Reduces mechanical wear on brake discs and pads, lowering operating costs.

3-Level Recovery

- Level 1: 0.05g
- Level 2: 0.1–0.12g
- Level 3: 0.15g



(Energy Recovery Illustration)



Tires



MGU9 EV is fitted with high-grip, high-load, wear-resistant highway tires to suit the demands of pickup driving.

19" Giti Tires

- Nano-reinforced tread compound and dynamic pressure balancing improve durability and wear resistance.
- New-generation polyurethane fiber carcass delivers 30% more strength for higher load capacity.
- Cross-pattern grooves reduce road noise by channeling airflow more efficiently.

20" Continental Tires

- Enhanced snow traction in all directions and excellent wet traction without scarifying dry performance.
- Shorter braking distance on wet roads thanks to a large number of biting edges.

MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Wheels Dimension	275/60R19 or 275/55R20	265/65R18	265/65R17



Giti Tires
275/60R19

Continental Tires
275/55R20



ATS 3.0

MGU9 EV offers six preset modes plus a customizable mode, adjusting powertrain, steering, energy recovery, ESP, and air suspension to suit all road conditions.

Preset Modes

- Six options: Normal, Eco, Sport, Off-Road, Towing, Snow

Custom Mode

- Power: 3 adjustable levels
- Steering effort: 3 adjustable levels
- Energy recovery: 3 adjustable levels
- ESP: 3 slip curves and selectable functions
- Air suspension: 5 height levels
- Combinations allow for more than 400 possible drive modes.

Creep Function

- Available only in Off-Road mode.
- The vehicle moves automatically at 4–12kph without using the accelerator or brake.
- Speed is adjusted via the steering wheel “+” / “-” buttons in 1kph steps.

MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Drive modes	6+1	4	3



Off-Road Body

MGU9 EV's off-road body design ensures excellent passability and safety on complex terrains.



Departure Angle
(Curb, 25°/29° *)

Approach Angle
(Curb, 29°/32° *)



Max. Climbing Angle
(Curb, 22.5°)



Maximum Wading Depth
(550mm/580mm *)

Minimum Ground Clearance
(Curb, 230mm/305mm *)

MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Approach Angle (Curb, °)	29 / 32 *	31	29
Departure Angle (Curb, °)	25 / 29 *	19.3	25
Max. Climbing Angle (Curb, °)	22.5	NA	NA
Wading Depth (mm)	550 / 580*	700	700
Minimum Ground Clearance (Curb, mm)	230 / 305 *	230	218

※ In the MGU9 EV, “*” indicates measurements with air suspension at maximum height.



03.

Safety & Reliability





MGU9 EV meets ANCAP 5-star safety rating, featuring exceptional passive and active safety systems. Its body uses advanced anti-corrosion technology and has undergone thorough vehicle testing for reliability and durability.

1

Safety

2

Reliability





ANCAP Five-Star Safety Rating

MGU9 EV meets ANCAP five-star safety rating standards, ensuring full protection for both occupants and pedestrians.



Adult Protection

- High-strength body
- Restraint systems



Child Protection

- Child seat anchors



Pedestrian Protection

- Pedestrian protection design
- Autonomous Emergency Braking (AEB)



Driver Assistance

- ESP
- ADAS

High-Strength Body Materials

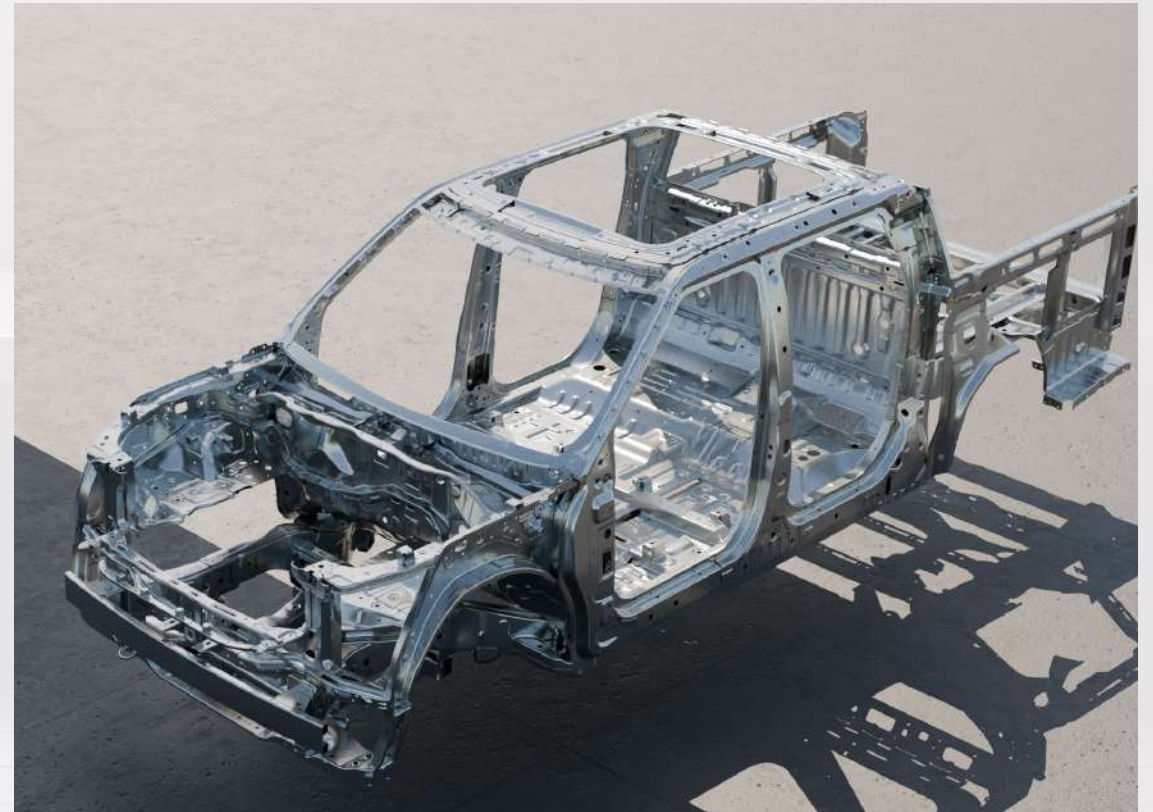
MGU9 EV uses 1500+ MPa hot-formed steel in key areas like the A/B pillars and floor, with high-strength materials accounting for 72.98% of the body. 6063 aluminum alloy enhances the rocker panel structure, helping the vehicle reach 28,000N·m/deg in torsional stiffness.

Material Composition

- Hot-formed steel (1500 MPa and above): 8.34%
- Ultra high-strength steel (1200–1500 MPa): 8.05%
- Advanced high-strength steel (600–1000 MPa): 13.55%
- High-strength steel (300–600 MPa): 43.04%
- Mild steel (below 300 MPa): 23.16%
- 6063 aluminum alloy: 3.86%

Torsional Stiffness

- Torsional rigidity: 28000N·m/deg



Integrated Body Structure

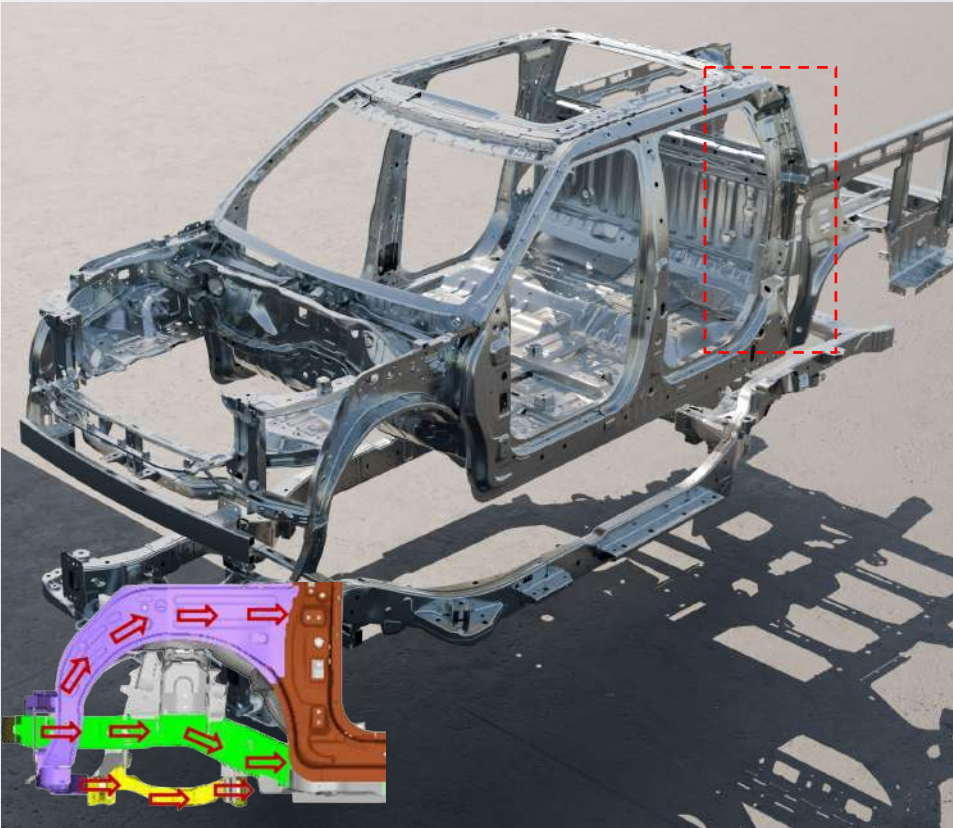
The integrated body structure features rigid connections between the body and chassis, with three load transfer paths in the front compartment. The integrated cabin and cargo area enhance structural strength, improving rigidity and energy absorption.

Body Structure

- Three load paths in the front compartment help transfer and dissipate collision energy.
- The integrated cabin and cargo area improves structural strength and evenly distributes forces.
- Rigid body-to-chassis connections reinforce the structure and minimize torsional deformation.

MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Body Structure	Integrated	Split	Split



7 Airbags

MGU9 EV features 7 airbags, ensuring full protection for all passengers.

Airbags

- Main Airbag ①: about 55L volume, 26ms inflation time
- Passenger Airbag ②: about 120L volume, 45ms inflation time
- Side Airbags ③④: about 20L volume, 10ms inflation time
- Side Curtains ⑤⑥: about 47L volume, 1800mm length, 27ms inflation time
- Far Side Airbag ⑦: about 45L volume, 25ms inflation time



(Illustration)

MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Number of Airbags	7	7	8

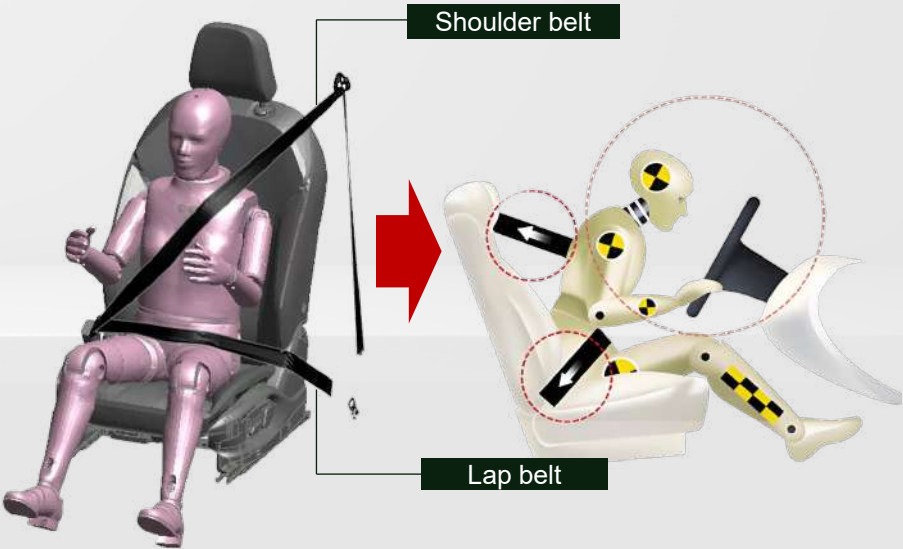


Pretensioner and Force Limiter Seatbelt

MGU9 EV features pretensioner and force limiter seatbelts that tighten during a collision and gradually release, enhancing safety by reducing injury.

Pre-tensioning

- Both front seats feature dual pyrotechnic pre-tensioned force-limiting seat belts. In a crash, the shoulder and lap belts tighten in advance, and slightly release under excessive force to help prevent injury.
- The outer rear seats feature single pyrotechnic pre-tensioned force-limiting seat belts. In a crash, the shoulder belts tighten early and slightly release if the force is too strong to reduce injury risk.



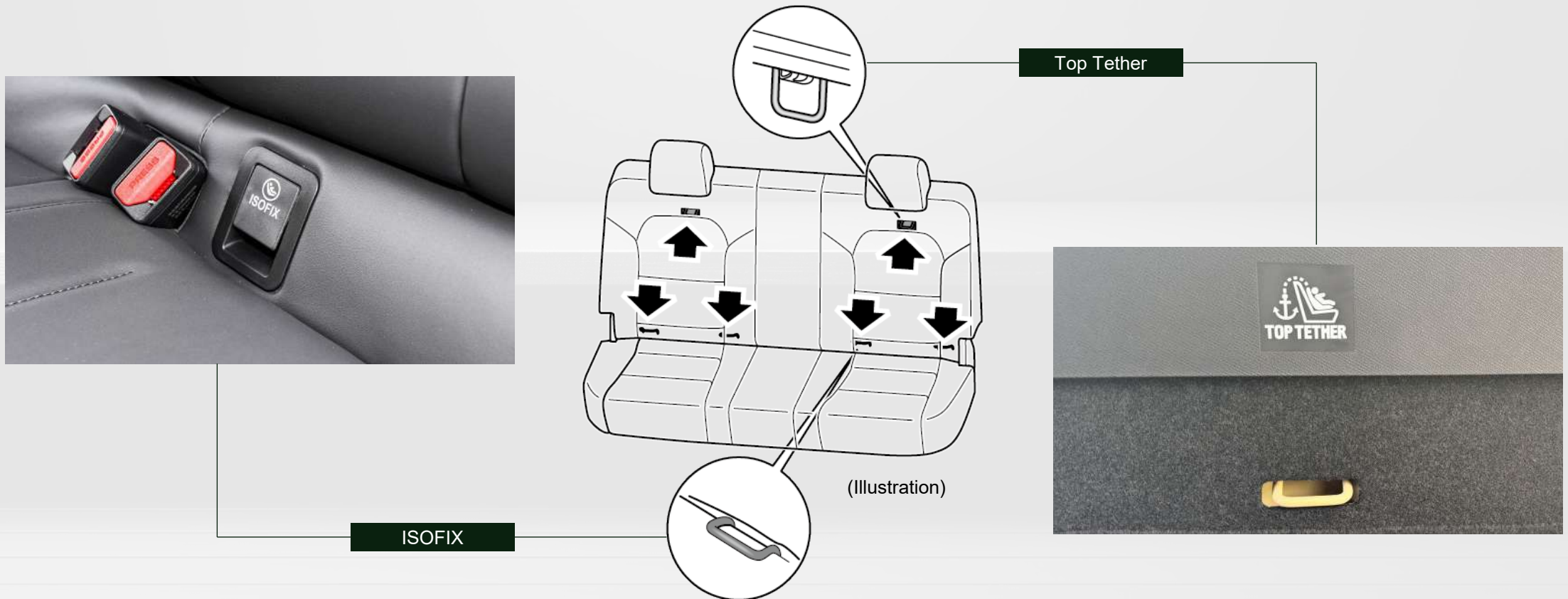
Dual Explosive-Type Pretensioner and Force Limiter Seatbelt (Illustration)

MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Force Limiter	Front + Rear Outer	Front Only	NA
Pretensioner	Front + Rear Outer	Front + Rear Outer	NA

Child Seat Anchors

MGU9 EV offers ISOFIX and Top Tether mounts for secure child seat installation.



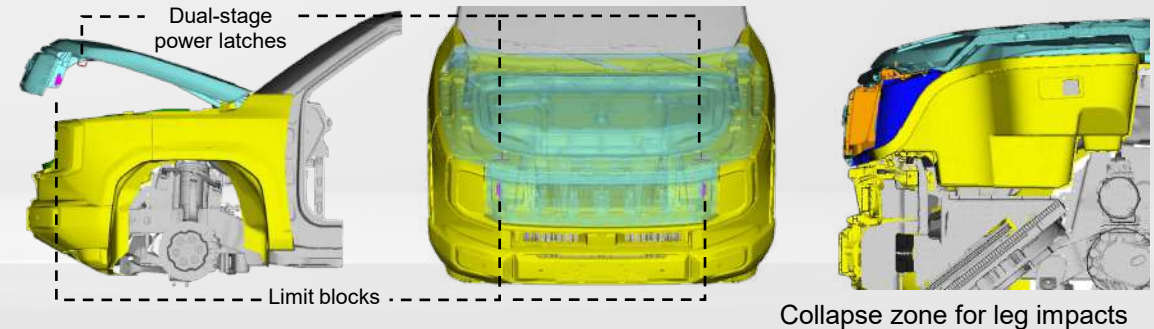
Pedestrian Protection

MGU9 EV includes pedestrian protection features that help minimize leg and head injuries in a collision.

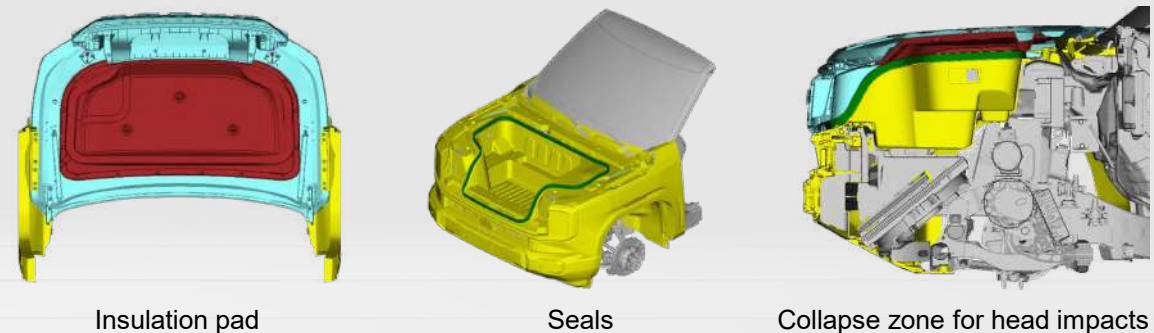
Pedestrian Protection

- Dual-stage power latches, dual limit blocks, and optimized structural design enable the upper grille to collapse rearward in high-speed impacts, helping to reduce the risk of pedestrian lower-limb injuries.
- The use of an insulation pad and soft dual-foam seals increases deformation space in head impact zones, lowering the risk of head injuries.

Leg Protection



Head Protection



Bosch ESP 9.3

MGU9 EV features Bosch ESP 9.3, integrating 15 sub-functions to improve control, stability, and safety.



- | | | |
|---------------------------|-------------------------------------|-------------------------------|
| ■ Anti-Braking System | ■ Electric Brake-force Distribution | ■ Traction Control System |
| ■ Vehicle Dynamic Control | ■ Hydraulic Brake Assist | ■ Hill Hold Control |
| ■ Hill Descent Control | ■ Emergency Signal System | ■ Automated Vehicle Hold |
| ■ Electric Parking Brake | ■ Secondary Collision Mitigation | ■ All Terrains System |
| ■ Cruise Control Off-road | ■ Adaptive Cruise Control | ■ Automatic Emergency Braking |

ADAS Hardware

MGU9 EV features one front camera, three millimeter-wave radars, four fisheye cameras, and eight ultrasonic sensors, enabling L2 intelligent driving with a high-performance chip.

Front Camera

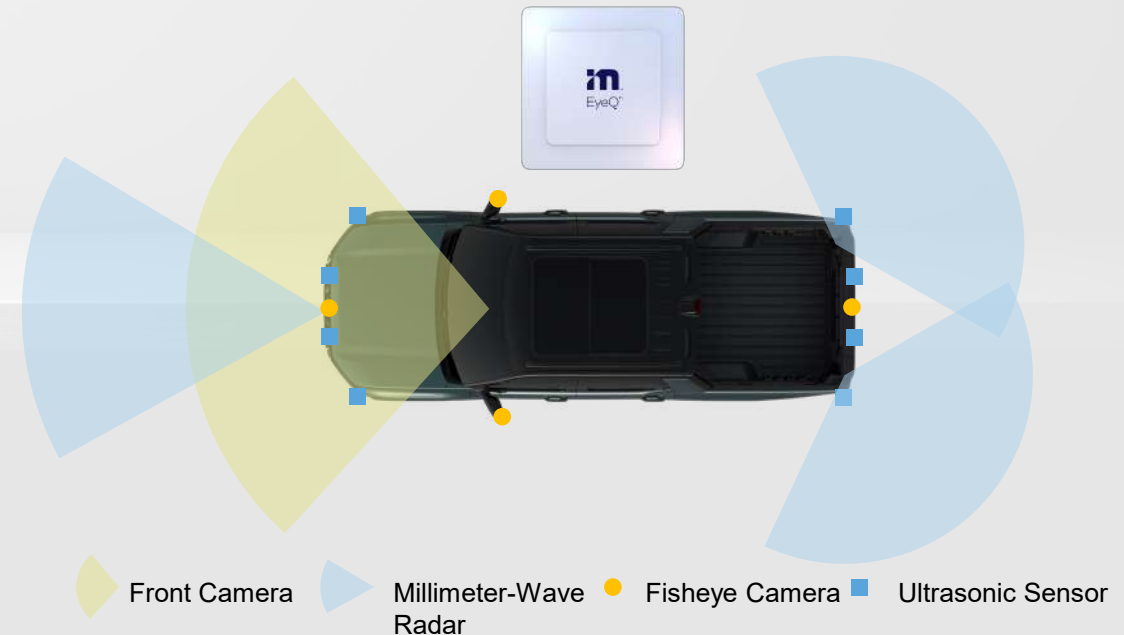
- 1.2MP front camera with 120m range, 100° field of view, and minimum curve recognition radius of 250m.

Millimeter-Wave Radar

- Front radar: 250m range, 90° detection angle.
- Two Rear corner radars: 150m range, 150° detection angle per radar, 240° total when combined.

Mobileye EyeQ 4 Chip

- Globally adopted, offering proven reliability.





ADAS Functions

MGU9 EV's ADAS integrates 18 sub-functions to handle various driving scenarios, offering both safety and convenience.

Driving Functions

- Adaptive Cruise Control
- Integrated Cruise Assist
- Speed Limit Information Function
- Intelligent Speed Limit Assistance

Safety Functions

- Forward Collision Warning
- Autonomous Emergency Braking
- Rear Collision Warning
- Rear Autonomous Emergency Braking
- Lane Departure Warning
- Lane Keep Assist
- Emergent Lane Keeping
- Blind Spot Assist
- Lane Change Assist System
- Door Open Warning
- Rear Cross Traffic Alert
- Intelligent High Beam Control

Parking Functions

- 360 Degree Panoramic Camera
- Parking Sensors

Adaptive Cruise Control

When activated, it maintains a set speed and automatically adjusts to follow slower vehicles ahead at a preset distance.

Operating Conditions

- Speed: 0-120kph(from 0kph with CIPV, from 15kph without CIPV)

Activation and Deactivation

- Press the cruise button  to activate ACC.
- Tap RES+ / SET- to change speed by 1kph; press and hold to adjust by 5kph.
- Tap the distance button  to adjust following distance.
- Press the cancel button  or the brake pedal to exit ACC.

Scenarios

- ① No vehicle ahead: Cruise at preset speed.
- ② Slower vehicle ahead: Follow at preset distance.
- ③ Accelerator pressed: System taken over, vehicle accelerates with a prompt.
- ④ In curves, if lateral acceleration exceeds the limit, speed is automatically reduced.



Integrated Cruise Assist

After activating ACC, ICA can be further activated to automatically adjust steering based on lane lines or the front vehicle's path. If the driver doesn't hold the steering wheel for an extended time, the system gives two warnings before exiting.

Operating Conditions

- ACC is activated.
- Road width: 2.6-5.2m, Min. curve radius: 250m

Activation and Deactivation

- With ACC on, press and hold the steering wheel cruise button  to activate ICA.
- Briefly press the cruise cancel button  to exit ICA only.
- Press and hold the cancel button  or step on the brake to exit both ACC and ICA.

Scenarios

- ①Line/Without CIPV, cruise at preset speed and keep centered in lane
- ②Line/With CIPV, follow at preset distance, staying centered.
- ③No line/With CIPV, below 60 kph, follow the front vehicle's path at preset distance.
- ④No line/Without CIPV, above 60 kph, system deactivates.





Speed Limit Information Function

Automatically detect speed limit signs and alert the driver to avoid speeding.

Operating Conditions

- Speed < 130kph

Activation and Deactivation

- Enable or disable under "Speed Limit Reminder" in the Infotainment Screen .
- Automatically detect speed limit signs.

Scenarios

- ①Remind when detecting speed limit of current lane.
- ②No reminder if detecting limit not applying to current lane.
- ③Report the maximum speed limit for current lane when lane-specific limits are detected.
- ④Report the maximum speed limit for the model when type-specific limits are detected.





Intelligent Speed Limit Assistance

Quickly set cruise speed with one button based on speed limit signs, eliminating the need for multiple manual adjustments for greater convenience.

Operating Conditions

- ACC is activated.

Activation and Deactivation

- Detect speed limit signs.
- Once confirmed by driver, automatically adjust the speed.

Scenarios

- ① When road speed limit is lower than current speed, system reduces speed to the limit and sets the cruise control accordingly after confirmation.
- ② When road speed limit is higher than current speed, system accelerates to the limit and sets the cruise control accordingly after confirmation.



Forward Collision Warning

Alert the driver to take control when a collision is imminent.

Operating Conditions

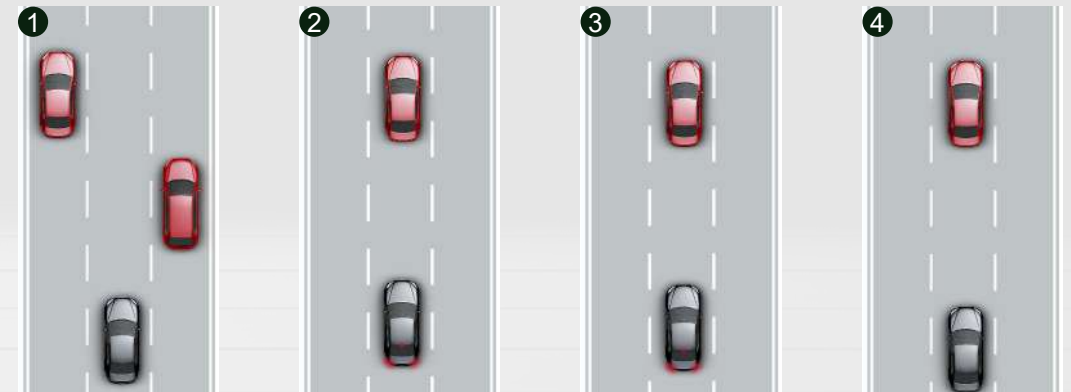
- Speed > 8kph

Activation and Deactivation

- Enable or disable under “Collision Assist” in the Infotainment Screen , with three sensitivity settings.
- FCW, AEB, RCW, and RAEB are controlled together.
- Display a text warning and sound an alert when a collision is imminent.

Scenarios

- ① No rear-end collision risk, no alert.
- ② Rear-end risk detected, trigger level 1 warning when exceeding the threshold.
- ③ Rear-end risk detected, trigger level 2 warning when exceeding the threshold.
- ④ Suppress alert for rear-end risk caused by quick steering or rapid acceleration.



Autonomous Emergency Braking

Brake automatically if a collision is likely and the driver doesn't take over the vehicle.

Operating Conditions

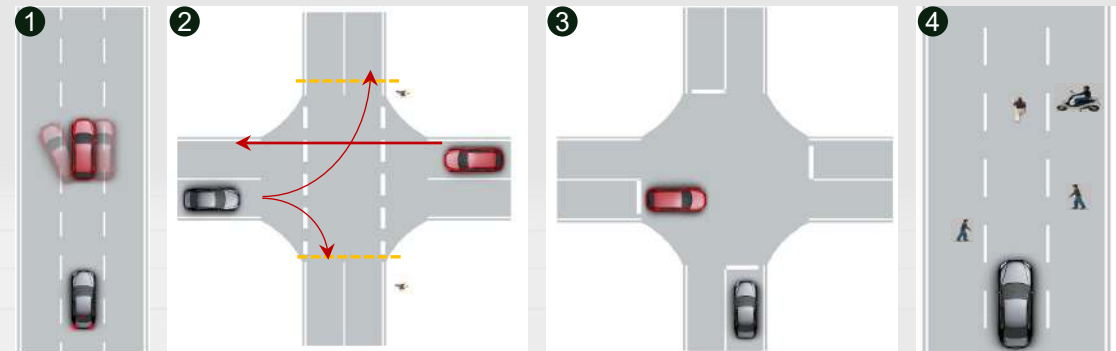
- Speed > 8kph

Activation and Deactivation

- Enable or disable under "Collision Assist" in the Infotainment Screen , with three sensitivity settings.
- FCW, AEB, RCW, and RAEB are controlled together.
- Automatically brake when a collision is imminent.

Scenarios

- ① Brake when there's a rear-end risk with the vehicle ahead (overlap > 50%, angle < 25°).
- ② Brake when turning at intersections with a risk of hitting oncoming vehicles or crossing pedestrians.
- ③ Brake when a crossing vehicle poses a collision risk.
- ④ Brake when a pedestrian or two-wheeler poses a collision risk.



Rear Collision Warning

Provide visual and audible alerts when a fast-approaching vehicle from behind may cause a collision.

Operating Conditions

- None

Scenarios

- ① Trigger an alert when a fast-approaching rear vehicle may cause a collision.

Activation and Deactivation

- Enable or disable under “Collision Assist” in the Infotainment Screen , with three sensitivity settings.
- FCW, AEB, RCW, and RAEB are controlled together.
- Display a text warning and sound an alert when a rear collision is likely.



Rear Autonomous Emergency Braking

Automatically brake while reversing at low speed if pedestrians or obstacles are detected and a collision is likely.

Operating Conditions

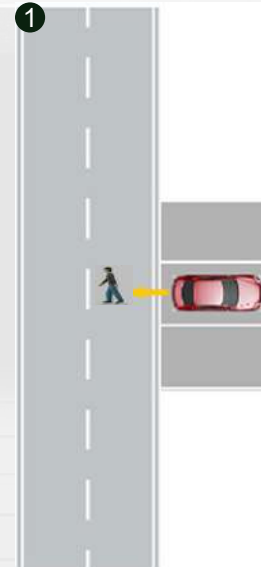
- Speed: 3-10kph, in reverse gear

Scenarios

- Automatically brake if rear pedestrians or obstacles are detected and a collision is likely.

Activation and Deactivation

- Enable or disable under “Collision Assist” in the Infotainment Screen , with three sensitivity settings.
- FCW, AEB, RCW, and RAEB are controlled together.
- Brake automatically when a collision is likely.



Lane Departure Warning

Alert the driver to correct the direction when the vehicle drifts out of the lane.

Operating Conditions

- Speed: 60-130kph, with clear lanes
- Min. road width: 2.5m, Min. curve radius: 250m

Activation and Deactivation

- The function is enabled by default after startup.
Select LDW, LDW + LKA or turn off under “Lane Assist” in the Infotainment Screen  , with three sensitivity levels.

Scenarios

- ① Normal driving, no alert.
- ② Unintentional lane departure, triggers an alert.
- ③ Intentional lane change or departure, suppresses the alert.
- ④ Sharp curve or unclear lane markings, system unable to function.





Lane Keep Assist

The system automatically corrects the steering when the vehicle drifts out of the lane, preventing lane departure.

Operating Conditions

- Speed: 60-130kph, with clear lanes
- Min. road width: 2.5m, Min. curve radius: 250m

Activation and Deactivation

- Select “LDW + LKA” under “Lane Assist” in the Infotainment Screen , enabling both ELK and LKA.

Scenarios

- ① No intervention during normal driving.
- ② Correct steering when unintentionally drifting out of the lane.
- ③ Do not intervene when intentionally changing lanes.
- ④ Do not function when the curve is too sharp or the lane markings are unclear.



Emergent Lane Keeping

Automatically correct steering when lane departure may lead to a collision with another vehicle or the curb.

Operating Conditions

- Speed: 60-130kph
- Min. road width: 2.8m, Min. curve radius: 900m

Activation and Deactivation

- Select “LDW + LKA” under “Lane Assist” in the Infotainment Screen , enabling both ELK and LKA.
- The system disengages when the driver takes over steering.

Scenarios

- ① Correct steering when unintentionally crossing solid lane line.
- ② Correct steering when unintentionally drifting off the curb.
- ③ Correct steering when unintentionally drifting into oncoming traffic, risking a collision.
- ④ Correct steering when unintentionally drifting into the path of a side/rear overtaking vehicle.



Blind Spot Assist

Warn the driver of vehicles in the rear blind spot to help avoid collisions.

Operating Conditions

- Speed > 15kph

Activation and Deactivation

- "Blind Spot Assist" can be toggled via the Infotainment Screen  .
- BSD, LCA, DOW, and RCTA are controlled together.
- Mirror indicators light up to warn of vehicles entering the blind spot.

Scenarios

- ① No alert under normal driving.
- ② Rear-side vehicle enters blind spot, alert triggered.
- ③ Vehicle exits blind spot, alert ending.



Lane Change Assist System

Alert the driver of approaching vehicles during lane changes to help avoid collisions.

Operating Conditions

- Speed > 15 km/h

Activation and Deactivation

- "Blind Spot Assist" can be toggled via the Infotainment Screen  .
- BSD, LCA, DOW, and RCTA are controlled together.
- When signaling to change lanes, flashing mirror indicators warn of approaching vehicles.

Scenarios

- ① No alert under normal driving.
- ② Rear-side vehicle enters blind spot, alert triggered.
- ③ Vehicle exits blind spot, alert ending.



Door Open Warning

When opening the door to exit, the system warns if a vehicle or pedestrian is approaching from behind, preventing collisions.

Operating Conditions

- Speed: 0-3kph

Activation and Deactivation

- "Blind Spot Assist" can be toggled via the Infotainment Screen  .
- BSD, LCA, DOW, and RCTA are controlled together.
- The rear view mirror indicator lights up to warn the driver or passengers when vehicles or pedestrians approach.
- When the door is opened, the indicator flashes and an audible alert sounds.

Scenarios

- ① A Level 1 alert is triggered when a vehicle approaches from the rear side—rear view mirror indicator lights up.
- ② Opening the door during a Level 1 alert triggers Level 2—indicator flashes and a sound alert is activated.



Rear Cross Traffic Alert

While reversing, the system warns the driver of passing vehicles or pedestrians to prevent collisions.

Operating Conditions

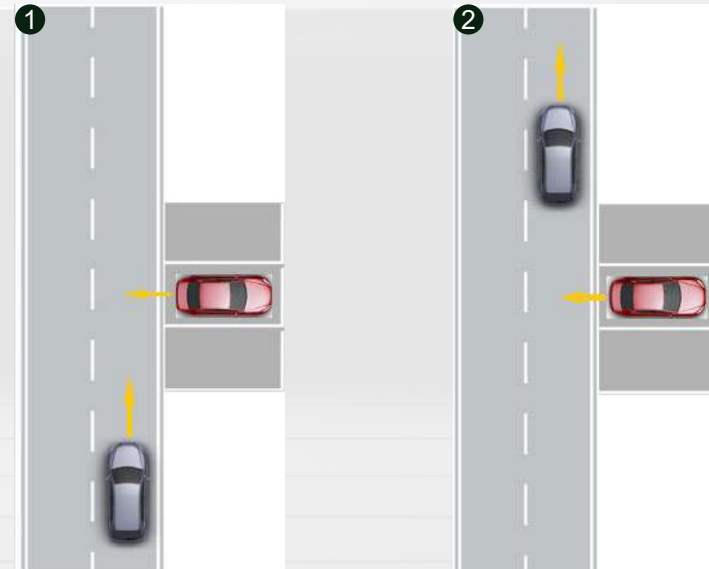
- Speed: 0-10kph, in reverse gear.

Activation and Deactivation

- "Blind Spot Assist" can be toggled via the Infotainment Screen  .
- BSD, LCA, DOW, and RCTA are controlled together.
- When reversing, side mirror indicator lights flash and an audible alert sounds if there are vehicles or pedestrians moving laterally.

Scenarios

- ① An alert is triggered when a vehicle approaches from behind and a collision is likely.
- ② The alert clears once the vehicle leaves.



Intelligent High Beam Control

The system automatically adjusts between high and low beams based on the traffic ahead, reducing glare and improving safety.

Operating Conditions

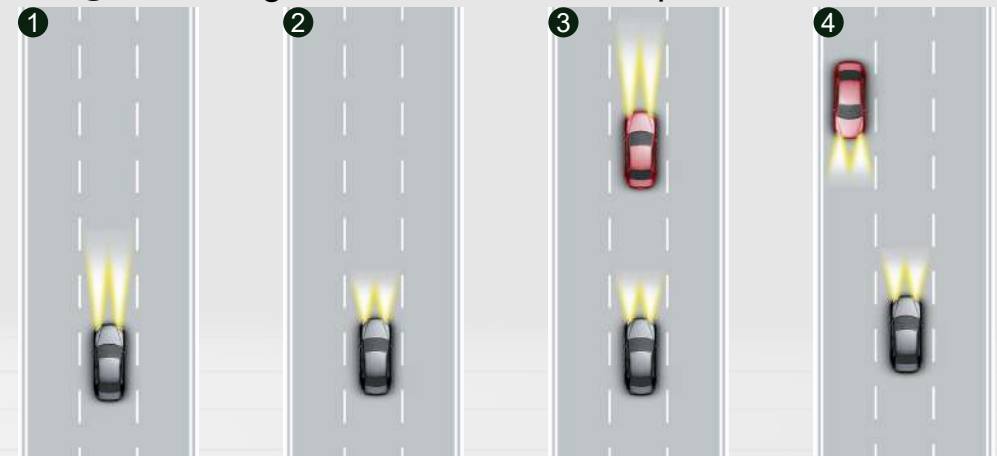
- Speed > 40kph, headlamps in AUTO mode.

Activation and Deactivation

- Activate or deactivate through "Automatic High Beam" in the Infotainment Screen  .
- Pull the light stalk toward the steering wheel for over 2s to turn off

Scenarios

- ① No environment lighting: high beams activated
- ② Sufficient ambient lighting: low beams activated
- ③ Same-direction vehicles ahead with taillights on: low beams activated
- ④ Oncoming vehicles with headlamps on: low beams activated



360 Degree Panoramic Camera

HD digital cameras offer views of the vehicle's surroundings and undercarriage, minimizing the risk of collisions when driving or reversing.

360 Degree Panoramic Camera

- Four 1.3MP HD digital cameras (non-TBA models) or four 2MP HD digital cameras (TBA models).
- Optional features include "Launch-Triggered 360", "Low-Speed Steering 360", "Transparent Chassis", and "Tow Hook Assist Line".

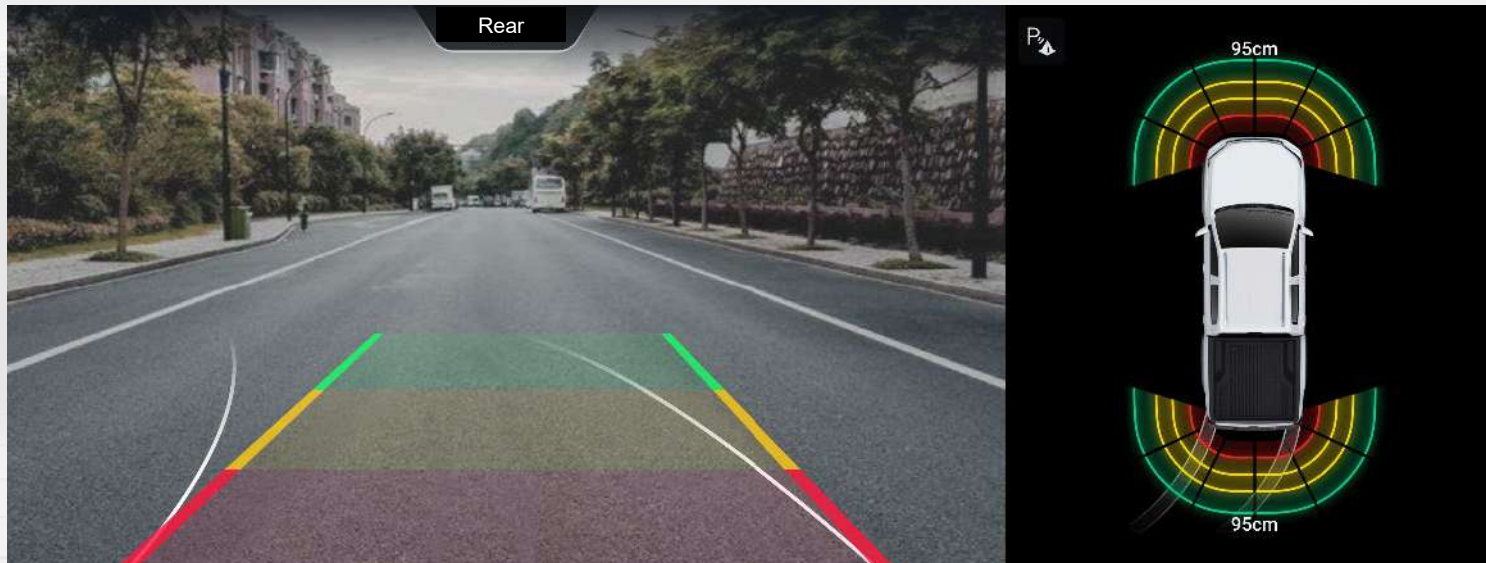


Parking Sensors

Front and rear ultrasonic sensors detect nearby obstacles and alert the driver with sound and visual warnings, minimizing collision risks.

Parking Sensors

- 4 ultrasonic sensors at both the front and rear detect obstacles from 300-1200mm (front) and 300-1500mm (rear).
- Alerts are provided through different sound levels and colored lines.

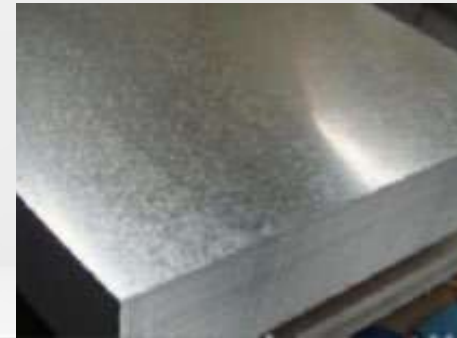


High-Standard Anti-Corrosion Process

The vehicle features galvanized steel for superior corrosion resistance, with processes such as electrophoretic coating, sealed metal joints, PVC chassis coating, and cavity wax spraying, enhancing overall corrosion protection.

Anti-Corrosion Process

- Over 50% of the body uses galvanized steel, with an oxidation layer to prevent surface corrosion.
- The frame and body adopt electrophoretic technology to form an anti-corrosion coating.
- The overlapping edges of sheet metal are fully sealed with sealant to prevent rusting at the joints.
- Vehicle underside is coated with PVC to protect against moisture, salt, and other elements.
- Cavity waxing creates a protective wax film inside the body, guarding against water and oxygen corrosion.



Galvanized Steel



Electrophoretic Coating



Sealed Metal Joints



Cavity Wax Coating

Reliability Verification

Five test vehicles undergo durability testing under extreme conditions, covering over 40,000km per vehicle, equivalent to 400,000km of real-world driving. The powertrain, chassis, electronics, and interior/exterior are all reliability-validated.



High-Speed Loop



Long Slope Bridge



Steep Slope



Sharp Curve



Mud Track



Belgian Road



Wavy Road



Square Potholes

Adaptability Verification

Two test vehicles completed two-month, 20,000km tests in Turpan and Heihe under extreme conditions—high heat, cold, salinity, humidity, and dust. The powertrain, A/C system, steering, and seals passed environmental validation.



Turpan

- Duration: 60 days
- Mileage: 20,000km per vehicle
- Peak Temp: >50°C
- Avg. Temp: 40~45°C



Heihe

- Duration: 60 days
- Mileage: 20,000km per vehicle
- Min. Temp: < -43°C
- Avg. Temp: -20~-30°C



Intelligent Driving & Cabin Verification

Tested across 12 countries on four continents, with over 83,000km driven to evaluate user experience across diverse habits and driving scenarios.



UK

Norway

Switzerland

Denmark

Netherlands

Chile

Germany

France

Austria

Belgium

Australia

China



04.

Tech & Practicality





MGU9 EV is equipped with dual 12.3" smart screens, delivering a high-tech cabin. It provides ample seating space and versatile cargo capacity, offering both cutting-edge technology and high practicality.

1

**Intelligent
Compartment**

2

**Premium
Comfort**

3

**Practical
Space**





12.3" LCD Instrument Cluster

MGU9 EV features a 12.3" high-resolution LCD instrument display, delivering clear information and supporting navigation projection.

12.3" LCD Instrument Cluster

- Resolution: 1920 × 720
- Displays key information including Music, Range, and Energy Consumption.
- Light / Dark display modes available.
- Navigation map can be mirrored to the instrument screen.



MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Instrument Cluster Size	12.3"	10.25"	7" or 12.3"

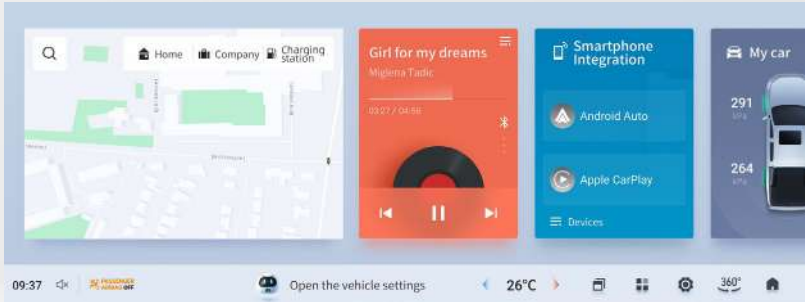


12.3" Infotainment Screen

MGU9 EV features a 12.3" high-resolution infotainment screen. It supports multiple offline and online functions, enhancing convenience for daily driving.

12.3" Infotainment Screen

- Resolution: 1920 × 720
- Light / Dark display modes available.
- Feature Off-road Expert function
- Wireless Android Auto and Apple CarPlay support
- Online navigation, music, weather, and other connected services
- Support dual-zone voice recognition



MGU9 EV vs. Competitors

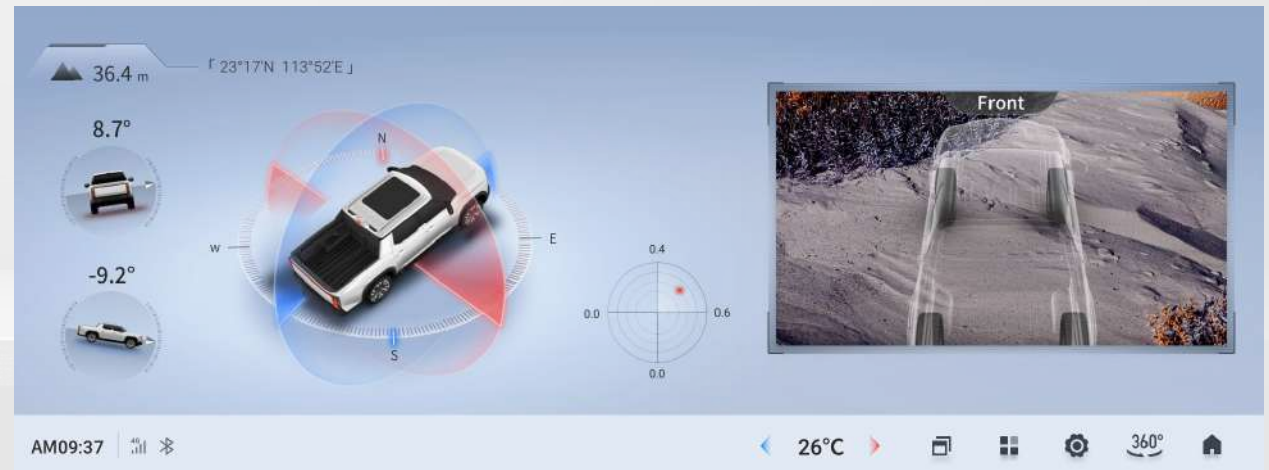
Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Infotainment Screen	12.3"	15.6"	12.3"

Off-road Expert

Displays real-time surroundings and vehicle status, helping drivers tackle challenging terrain with greater confidence and improved off-road capability.

Off-road Expert

- Shows real-time location data, including latitude, longitude, and altitude.
- Shows real-time vehicle status data, including roll angle, pitch angle, and body attitude.
- 360° surround view visualizes terrain around and under the vehicle, and supports Hill Descent Control and off-road creep.





Practical Features

MGU9 EV offers wireless Android Auto and Apple CarPlay, online navigation, Amazon Music, online weather updates, and voice control, delivering greater convenience during driving.

Wireless Projection

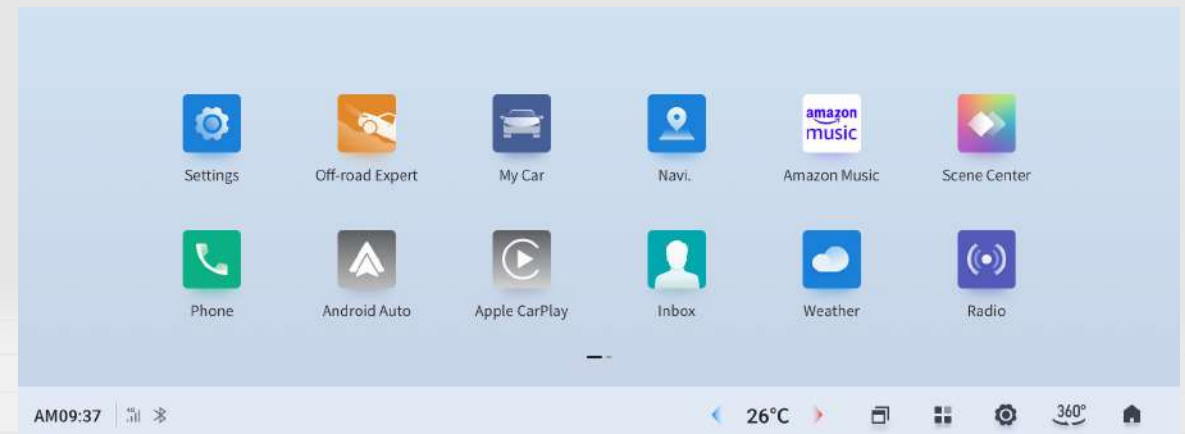
- Supports Android Auto and Apple CarPlay
- Supports both wireless and wired projection

Online Services

- Online Navigation: Uses HERE maps for real-time navigation
- Amazon Music: Stream music by logging in with your Amazon Music account
- Weather: Displays weather forecast for the next five days

Smart Voice Control

- Activated by saying “Hello MG”
- Controls navigation, A/C, music, and windows via voice
- Dual-zone voice recognition for driver and passenger
- A short press of the steering wheel voice button activates the in-car voice system, while a long press activates AA/AC voice control.





MG iSMART app



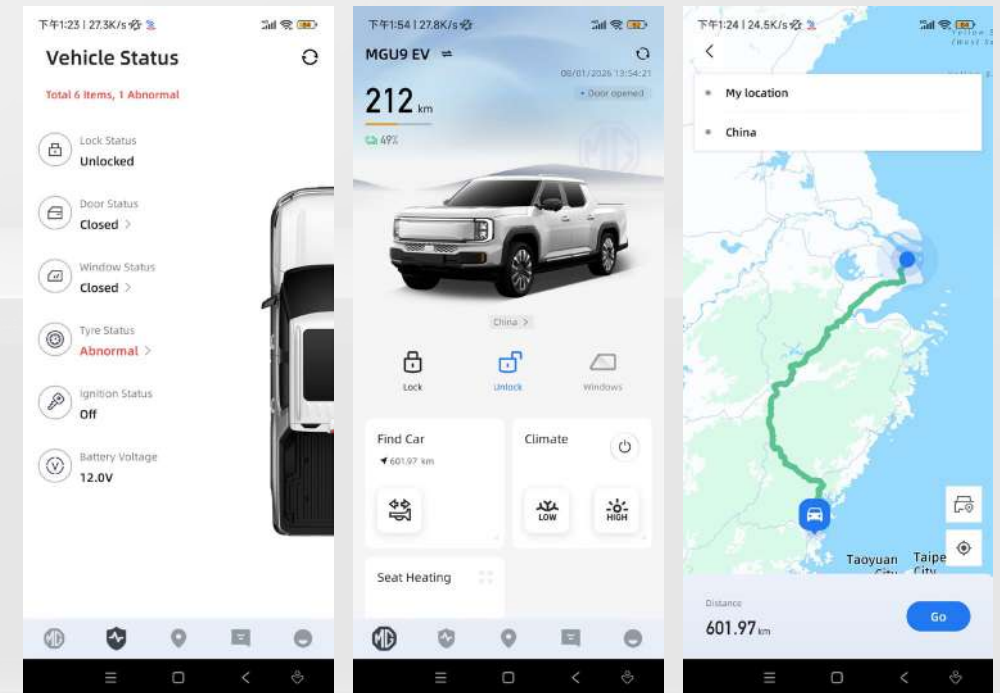
"MG iSMART " app lets you remotely monitor your vehicle's status and control features like air conditioning, windows, and doors.

Remote Monitoring

- Remotely monitor battery level, range, tire pressure, vehicle location, door status, window status, and lock status.

Remote Control

- Remotely control functions like air conditioning, seat heating, door locks, windows, and the sunroof.
- The app lets you locate your vehicle and navigate to it, with options to flash lights and sound the horn for easier finding.
- Send navigation destinations directly to the car via the app.
- If the vehicle is tampered with or detects any abnormalities, the app will send alerts.





JBL Sound System

MGU9 EV comes with 6 speakers on Luxury and an 8-speaker JBL sound system on Flagship, ensuring rich, high-quality sound.



MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Number of Speakers	6 or 8	12	8



Dimensions

With its large body size, MGU9 EV delivers a commanding stance and maximized passenger compartment and cargo space.



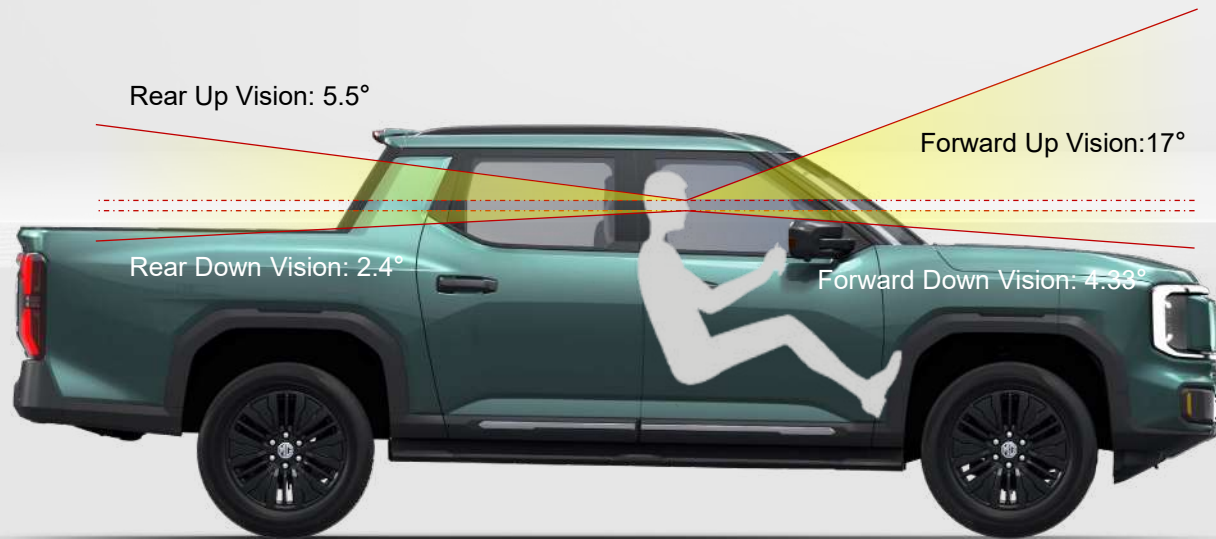
MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Length (mm)	5500	5457	5320
Width (mm)	1997	1971	1855
Height (mm)	1874	1925	1800
Wheelbase (mm)	3300	3260	3085



Vision

MGU9 EV's expansive transparent area delivers a wide and open view, boosting both safety and comfort for all occupants.



Front Windshield: 2.61m^2



Rear Windshield: 0.96m^2

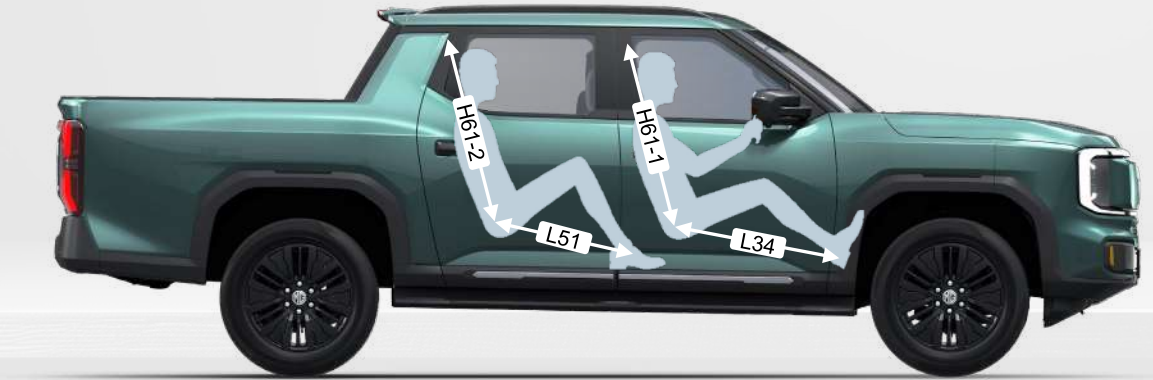


Side Glass: $0.3\text{m}^2 + 0.3\text{m}^2$



Cabin Space

MGU9 EV’s spacious passenger compartment, especially the ample front and rear shoulder room, ensures a more comfortable ride for all occupants.



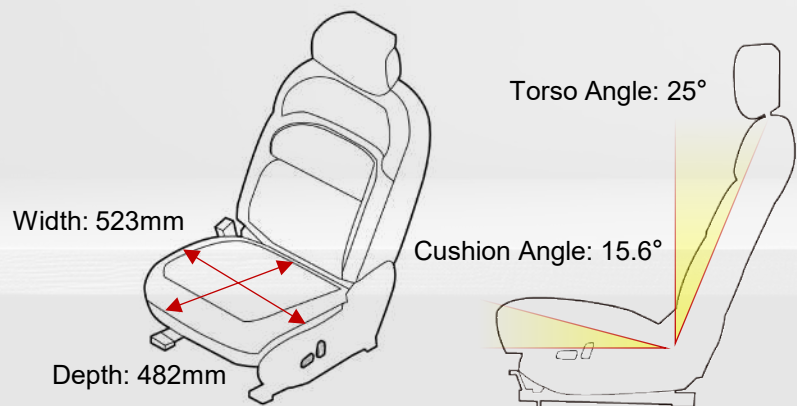
Front Headroom(H61-1, mm)	1009
Front Legroom (L34, mm)	1044
2nd Row Headroom(H61-2, mm)	979
2nd Row Legroom (L51, mm)	963

Front Shoulder Room (W3-1, mm)	1583
2nd Row Shoulder Room (W3-2, mm)	1563

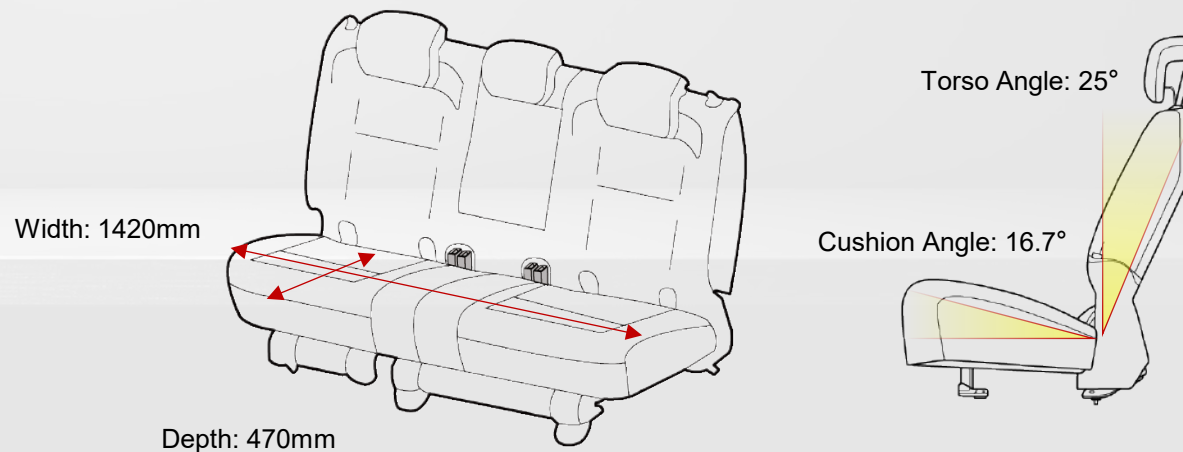


Seats

MGU9 EV's wide, ergonomic seats provide excellent fit and comfort, enhancing the driving experience.



1st row seats



2nd row seats

Seat Cushioning

MGU9 EV's front seats use a 5-layer comfort material, and the rear seats use 4 layers, offering a pronounced sink-in feel with excellent wrapping and support, providing superior long-distance comfort.

1st Row 5-Layer Material

- PU base foam layer
- 30mm soft foam layer
- 15mm comfort sponge layer
- 8mm fabric sponge layer
- 1–1.4mm soft leather & PVC surface



2nd Row 4-Layer Material

- PU base foam layer
- 15mm comfort sponge layer
- 8mm fabric sponge layer
- 1–1.4mm PVC surface



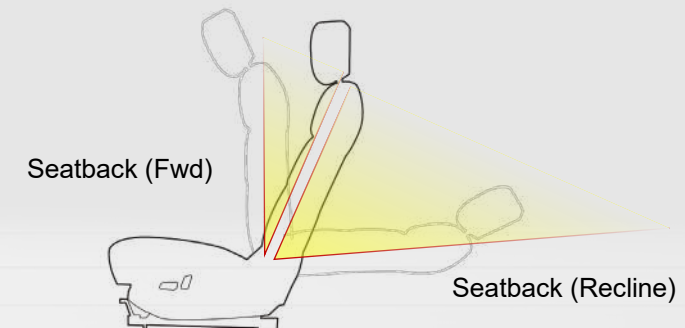
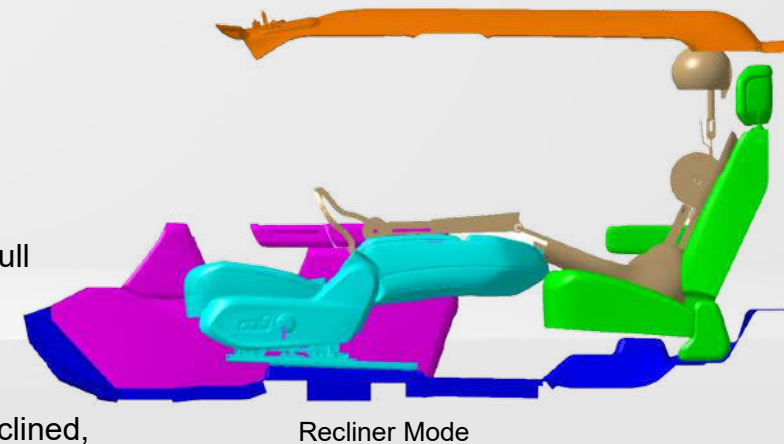
Seat Adjustment

The power-adjustable seat is easy to use and offers a wide adjustment range. Its special recliner mode lets you lie back and relax inside the car, perfect for quick rests.

Power Seat Adjustment

- Driver's seat: 8-way power adjustment with power lumbar (Flagship) or 6-way power adjustment (Luxury)
- Driver seat with welcome function and one-touch access to upright, semi-reclining, and full recline (Flagship)
- Passenger: 6-way power adjustment
- Front seat slides fully forward, raised to max height, headrest removed, and seatback reclined, connecting with the second-row cushion to create a flat 1.7m × 0.51m lounge space.
- Seat adjustment range:

Forward / backward	240mm
Up / down	60mm
Seatback forward tilt	21°
Seatback recline	69.5°
Cushion tilt adjustment (Flagship)	6°





Comfortable Cabin

Ventilation, heating, massage, and memory functions enhance overall seating comfort.

Ventilation & Massage

- Driver seat with 3-level ventilation (Flagship)
- Driver seat with 3 intensity levels and 8 massage modes (Flagship)

Seat Heating

- Front seats with 3-level heating

Memory

- 3 memory presets for driver seat and side mirrors (Flagship)



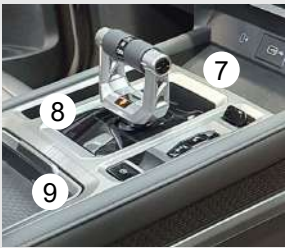
MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Ventilation	Driver	Front seats	None
Massage	Driver	None	None
Heating	Front seats	Front seats	Front seats
Memory	Driver	None	None



Storage Features

With up to 30 storage features, make it easier to place personal items and keep interior space tidy.



1. Front door pull cup	2. Armrest storage (2nd layer)	3. Front door map pocket	4. Front door cup holder	5. Left-side storage compartment (IP)
2	2	2	2	1
6. Glove Box	7. Phone slot	8. Gear lever side storage	9. Storage behind gear lever	10. Armrest storage
1	1	1	1	1
11. Armrest bin	12. Glasses holder	13. Pen and card holders	19 storages in the front	
1	1	3		

1. Rear door pull cup	2. Armrest storage (2nd tier)	3. Rear door map pocket
2	2	2
4. Rear door cup holder	5. Map pocket	6. CNSL rear storage
2	2	1
11 storages in the rear		



Cargo Space

MGU9 EV offers a larger trunk, providing more storage and enhancing loading capacity.



MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Cargo length (mm)	1561	1520	1555
Cargo width (mm)	1600	1500	1540
Cargo height (mm)	535	517	480



Front Trunk

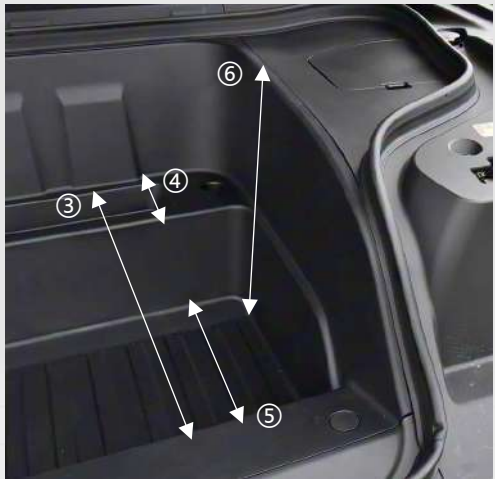
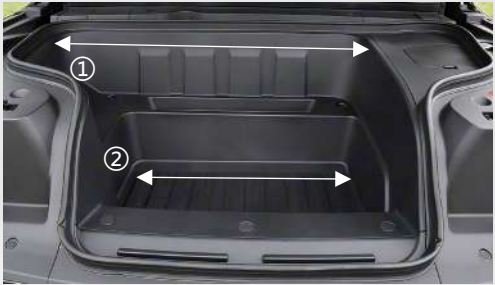
The MGU9 EV offers a front trunk to expand overall cargo space and store items that are frequently used or need to be kept separate.

Front Trunk

- Electrically opened via key, front button, or touchscreen.
- Adjustable opening angle for different use cases.
- 236L capacity, fits a 20-inch suitcase and additional items.

MGU9 EV vs. Competitors

Model	MGU9 EV	BYD SHARK 6	TOYOTA HiLux EV
Front Trunk	Yes	No	No



① Upper layer width	960mm
② Lower layer width	700mm
③ Overall depth	650mm
④ Upper layer depth	200mm
⑤ Lower layer depth	450mm
⑥ Overall height	500mm

Towing and Roof Rack

With towing and roof rack, MGU9 EV expands its loading capability. It offers a maximum towing capacity of 3500 kg. The unique TBA function simplifies trailer connection and assists in controlling the trailer's direction.

Load Capacity

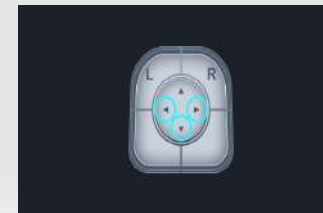
- Towing capacity: 3500kg (with brakes), 750kg (without brakes)
- Roof rack max load: 75kg

Trailer Backup Assist

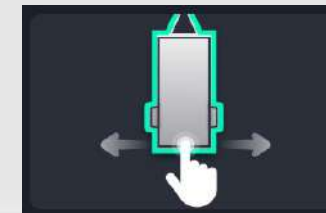
- The 2MP HD rearview camera displays guiding lines when connecting a trailer.
- After connection, trailer direction during reversing can be controlled via the button or the screen.



Connect Guidelines



Control trailer direction with the rearview mirror button



Adjust trailer direction by moving the model on the infotainment screen



Control trailer direction by tapping the directional icons on the infotainment screen

V2L



With 6.6 kW external power output, MGU9 EV supports camping, outdoor work, and emergency power needs.

Discharge Function

- 1 × 2.2 kW socket in the front trunk
- 2 × 2.2 kW sockets in the rear trunk
- Charging port supports V2L discharge up to 6.6 kW. It cannot operate at the same time as the front or rear trunk outlets.





Thanks!

