



# ***JOLION*** PRO



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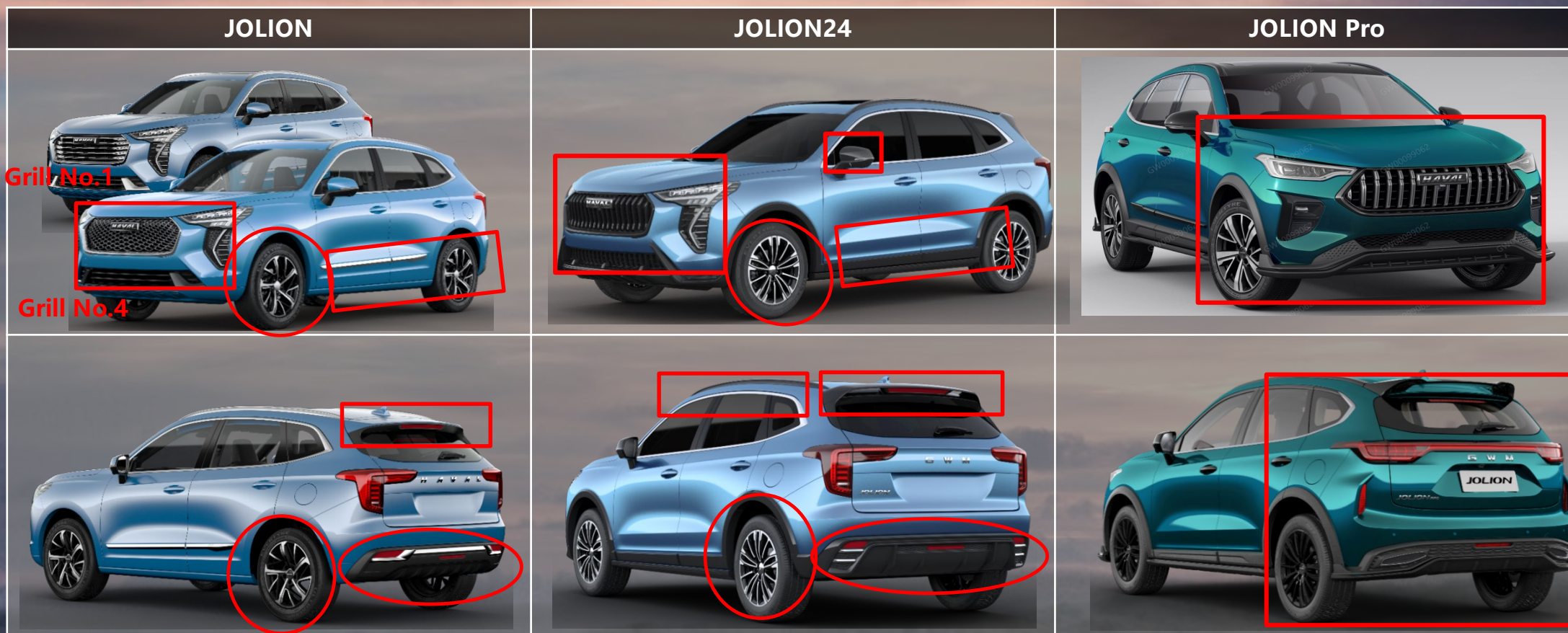
ATTENTION



# JOLION24/JOLION Pro Exterior Differences



- Both cars have the same styling for the outer door panels, with styling differences at all other locations;
- JOLION Pro has vertical strips and mesh center mesh (high temperature and high cold area) to adapt to different market environments.





# JOLION24/JOLION Pro Interior Differences



- **Left hand drive: JOLION24/JOLION Pro interior only the steering wheel shape is the same as JOLION**
- **Right-hand drive: both interiors are the same as JOLION.**
- **Configuration: Competitiveness is fully enhanced through model revisions.**

Left hand drive JOLION24



Right hand drive JOLION24/JOLION Pro



Left hand drive JOLION Pro



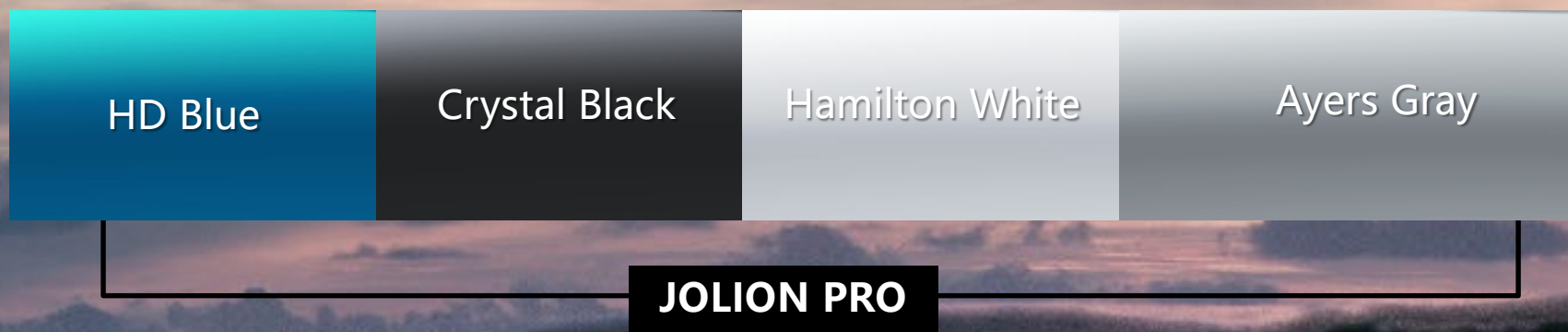
## Configuration Difference

JOLION24	JOLION Pro
4-way adjustable manual steering wheel	4-way adjustable manual steering wheel
Ventilated main driver's seat (Eurasia only)	Ventilated main driver's seat
4-way power adjustable passenger seat(Eurasia only)	4-way power adjustable passenger seat
two smart keys	two smart keys
voice recognition	voice recognition
ambient lighting (Eurasia only)	ambient lighting
—	Rear independent suspension (HEV, 4B15L)



## JOLION24/JOLION Pro Other Differences

- Exterior' s Colors: The JOLION24 comes in 5 colors and the JOLION Pro comes in 4 colors
- Interior' s Colors: JOLION24 in black, black-brown and black-red, JOLION Pro in black and black-red only.





# JOLION24/JOLION Pro Other Differences



- **Dimensions:** JOLION24/JOLION Pro dimensions have changed, wheelbase 2700mm unchanged.
- **Power:** Same Power.
- The wheels of the JOLION24 are the same as the JOLION 4G15H, and the Jolion Pro 4G15H adds N0.3 18-inch wheels, otherwise the same as the JOLION.

					
<b>JOLION24</b>		<b>JOLION Pro</b>			
<b>Dimensions</b>	4472*1874*1581	4470*1898*1625			
<b>Power</b>	4G15K	4G15K		4B15L	4G15H
	110KW/220Nm	110KW/220Nm		130KW/270Nm	(Combined power) 140KW/375Nm



# ***JOLION* PRO**

**Joy Life On**

## **POSITIONING**

Global Urban Trendy SUV

## **MISSION**

Jolion Pro, as a supplement to Jolion, aims to expand the A0-class SUV product lineup and gain market share with price advantage





# MORE CHOICES

<b>STYLING DESIGN</b>	<b>Vertical Waterfall Center Grille</b>	<b>Penetrating Arrow Cluster Taillights</b>	<b>Aerodynamics Package</b>
	<b>Individual Sports Rear Spoiler</b>	<b>Mecha Blade Dynamic Waistline</b>	<b>Functional Matrix Headlights</b>

<b>Ultimate Safety</b>	<b>Intelligent Driving Assistance</b>	<b>81.7% High Strength Steel</b>	<b>2000mpa Hot Formed Steel</b>
	<b>Fully Automatic Parking</b>	<b>360 Panoramic Surround View Camera</b>	<b>Cage-type Body Structure</b>

<b>Intelligent Comfortable</b>	<b>High-end Comfort PVC Seating</b>	<b>Large Panoramic Sunroof</b>	
	<b>Dual temperature zone air conditioning</b>	<b>Large Openable Panoramic Sunroof</b>	

<b>Powerful Force</b>	<b>4-wheel Independent Suspension</b>	<b>DHT Hybrid Technology</b>	<b>VGT Variable Gauge Turbo</b>
	<b>Four Driving Modes</b>	<b>HEV Single Pedal Control</b>	<b>7DCT Transmission</b>



# Styling Design

STYLING

DESIGN



## Exterior design



### Functional matrix LED headlights

LED light source structure, trendy and dynamic, strong and durable



### Mecha Blade Dynamic Waistline

Fibonacci number golden ratio styling design, trendy and sporty appearance

### Vertical waterfall center grille

Shallow grille design to enhance the vehicle's sportiness

### Aerodynamics package

Aerodynamic front package, trendy exterior design, enhancing the vehicle's sporty atmosphere



## Exterior design



### Individual sports rear spoiler

Provides downforce to improve vehicle handling



### Penetrating arrow cluster taillights

One-piece design for brighter nighttime driving





# Long wheelbase, large size, bigger visual size

With a **2700mm** wheelbase, the body size is longer than other models in the same class, while the visual effect is bigger.





**7"+12.3" Ultra HD Dual LCD Screen**

**Embracing fighter cabin**

**Diamond-shaped skeletonized gear knob**





## 12.3" Ultra HD Dual LCD Screen

Ultra HD dual LCD screen, 1920×720 HD resolution, smoother car system, more beautiful UI interface. Not only make the center control more intelligent, the function is also more centralized.

ONLY FOR  
Australian Market



## Fatigue Driving System

摄像头信息 Camera information	
眨眼频率 Blink Frequency	面部状态 Facial Status
红外传感器 Infrared sensors	
头部位置和运动 Head position and movement	

直接监测信号  
Direct monitoring  
signals

Driver  
Monitor

系统响应  
System  
respons

疲劳报警  
Fatigue Alarm

Monitor driver fatigue by capturing facial state and blinking frequency via camera, infrared sensors to monitor head position and movement



# STYLING DESIGN



- **Electro-acoustic streamlined front grille**  
Sporty styling design, while easy to modify later for better looks
- **New Functional Matrix Headlamps**  
LED light source structure, trendy and dynamic, strong and durable
- **Aerokit**  
Aerodynamic package for a sporty look
- **Individual rear spoiler**  
Focus on performance, improve handling, more stable driving at high speeds
- **2700mm wheelbase**  
Excellent driving space in front and rear rows, enjoying superior riding space.
- **7" +12.3" Ultra HD Dual LCD Screen**  
Ultra HD dual LCD screen, Smoother car system.





POWERFUL

Powerful Force

FORCE



**NEW SELF-DEVELOPED** 1.5T engine + 7DCT transmission



**High** compatibility  
**High** transmission efficiency

0-100 Acceleration Capability **8.9S**

NEDC comprehensive fuel consumption **7.5L**







The **1.5GDIT** engine is equipped with advanced technologies such as VGT variable cross-section turbine, intake VVT, and dual overhead camshafts, resulting in higher thermal efficiency and power comparable to the 2.0 engine.

thermal efficiency **38%**

Maximum rated power **130 kW**  
Max. torque **270 N·m**

Model	Engine	Power/Torque
Jolion Pro	4B15L	130KW/270Nm
MGZ*	1.5-Litre NA inline petrol	84KW/150N.m
OM*A	1.5TCI	108kw/210N.m
MAZ*3	Engine type 2.0 litre in-line 4 cylinder 16 valve DOHC S-VT petrol (SKYACTIV-G) engine	110Kw/195N.m
TOY*CA*	2.0L 4-cylinder Dynamic Force Dual VVT-i petrol engine	126kW/202Nm

## VGT Variable Gauge Turbo

Small low-speed cross section Large high-speed cross-section

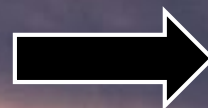
**Fast intervention**

**Strong power**

Intervention speed - **1000 rpm**



## 7DCT wet dual-clutch transmission



Lighter weight  
More durable

Maximum transmission efficiency of more than **98%**



**Slim line**

**Slim line synchronizer design**

Response speed increased by **30%**

### **4th Generation VFS valve**

Clutch binding rate increased by 10%

### **Self-developed dual clutch module**

12% reduction in flushing time and 5% reduction in drag loss

### **Self-developed hydraulic control module**

Leakage is reduced by 21% and response time is increased by 30%

### **Intelligent and efficient cooling system**

Cooling capacity increased by more than 30%



## Four-wheel independent suspension

**FRONT** Macpherson Independent Suspension

**REAR** Multi-link Independent Suspension

**Stable Handling At Highway Speeds**  
**Comfortable And Quiet At Low Speeds**

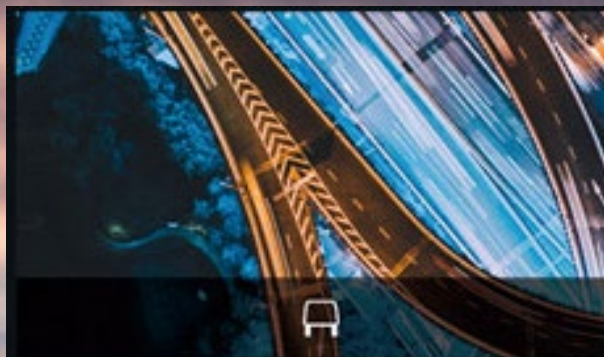




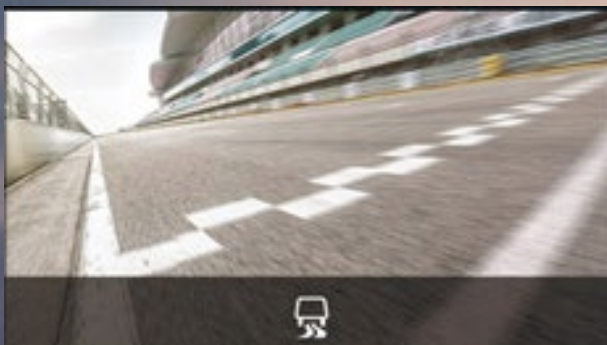


ECO

ECONOMIC



STANDARD



SPORT



SNOW

## Four driving modes

Full-scene road conditions

Standard Mode

Economic Mode

Sport Mode

Snow Mode

WEAPONS

URBAN

SPEED

SLIP





HEV



4G15H engine + 2-speed DHT hybrid technology

**LONGER** Vehicle Range

**LOWER** Fuel Consumption



0-100 Acceleration Capability **9.0s**

NEDC comprehensive fuel consumption **5.1L**





- Based on the existing EG01 engine, the 4G15H engine applies advanced technologies such as Atkinson cycle, electronic water pump, water-cooled EGR, etc., and can be idling charged
- Three-stage intensity-adjustable energy recovery motor, adapting to different road conditions and extending range

Engine power **70KW/125N·m**

Drive motor power **115KW/250N·m**

Combined power **140KW/375N·m**

Thermal Efficiency **38%**



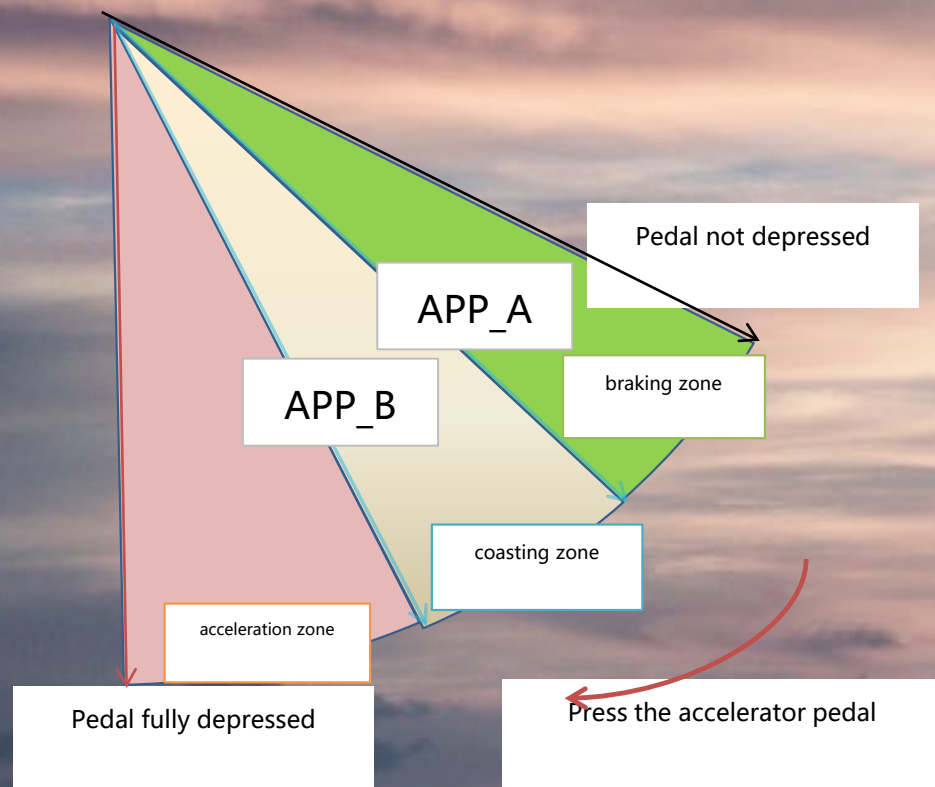


# One Pedal

## INCREASED RANGE

Increases energy recovery efficiency by **2%-9%**.

Acceleration and deceleration can be done by one pedal.



- The accelerator pedal travel is divided into acceleration zone, coasting zone and braking zone.
- The accelerator pedal can be used to accelerate, coast, decelerate or stop the vehicle.
- The brake pedal can be used for emergency braking.



## Technical Advantages of DHT Platform

- **low-speed conditions**

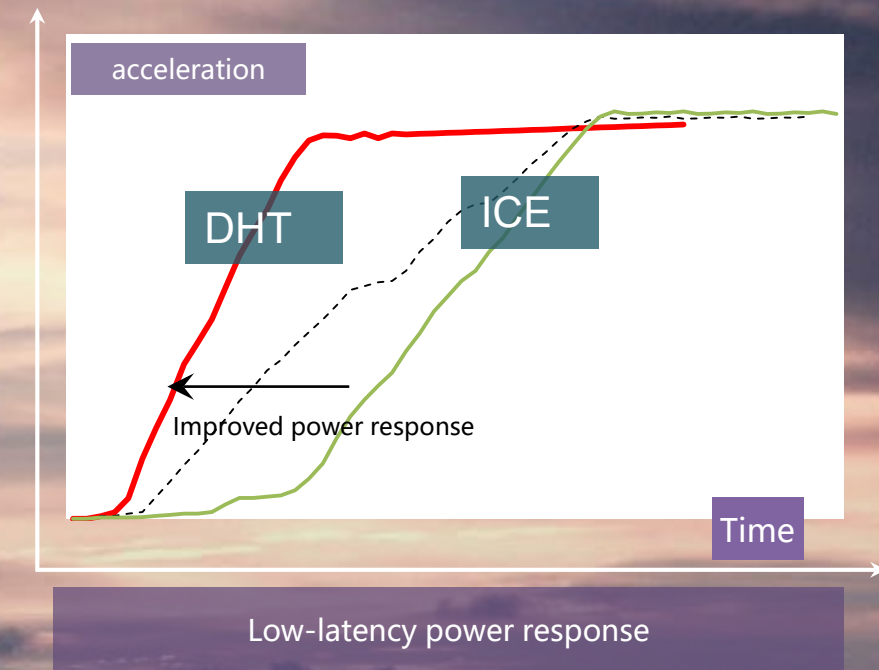
Vehicle adopts EV drive mode, internal integration of high-performance drive motor to ensure low-speed climbing super horsepower, quick power response, smooth acceleration

- **Medium and high speed conditions**

Engine and motor hybrid mode synergize to give full play to the dual driving ability of fuel and pure electric power, and the overall vehicle dynamics is more outstanding

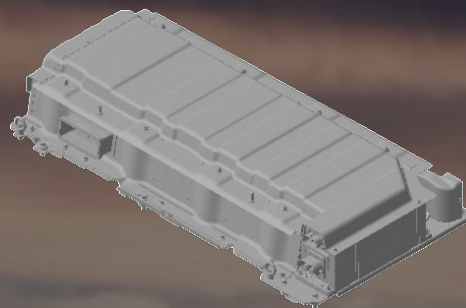
- **High-speed conditions**

The engine and drive motor are driven in parallel to provide the best power to ensure smoother acceleration, stronger power and safer driving in highway conditions



## Power Battery Packs

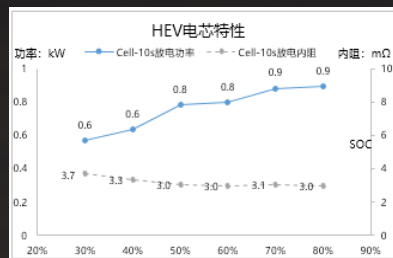
- **High performance battery cell**  
High power and low internal resistance battery cell
- **Ultra High Power**  
1.69kWh Battery capacity 1.69kWh
- **Super Silent**  
Adopting advanced silent air-cooling technology



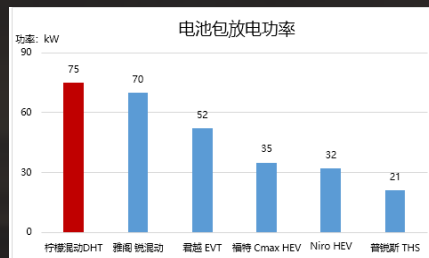
- **Super Discharge**  
放电功率70.9kW Discharge power 70.9kW (RT, 10s, 50% SOC)
- **Strict Certification**  
E-Mark certified manufacturing plant



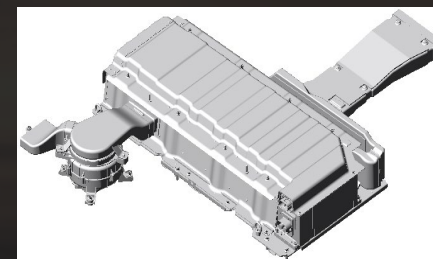
Large Capacity Cell



High Performance Cell



Super Discharge



Silent Air-cooling Technology



E-mark Certification

- 1-Crash safety: the battery pack body undergoes rigorous vibration, impact, extrusion, and simulated collision experiments; at the vehicle level: the battery is located in the spare tire compartment in the trunk, with a large safety margin from each impact and collision direction.
- 2-High-temperature safety: High-safety battery cells, after 130-degree environmental testing, do not catch fire and do not explode; accurate BMS control, high-temperature active air-cooling cooling, to ensure that the maximum temperature of the battery system is less than 60 degrees.
- 3-Water immersion safety: battery pack body IP54 sealing grade
- 4-Warranty: 8 years or 150,000 kilometers warranty for power pack assembly.



# DHT Vs. Other Forms Of Hybrid

混动架构				<p>Hybrid DHT system with higher efficiency in the full speed range, shorter power transmission chain, and higher direct engine drive capability</p>
		<p><b>In Series Connection</b> (Nissan e-Power)</p>	<p><b>Power Shunt</b> (TOYOTA THS)</p>	<p><b>In Parallel/Series Connection</b> (HONDA i-MMD)</p>
优势	<p>The engine charges the battery and starts fast on pure electric</p>	<p>Mature technology, large number of holders, good reputation</p>	<p>Power advantage over gasoline or hybrid models of the same displacement</p>	
劣势	<ul style="list-style-type: none"> <li>● Only suitable for models under 1.3 tons</li> <li>● Low energy conversion efficiency under heavy load conditions, worse fuel consumption than traditional power models</li> <li>● Only a single power unit can be utilized.</li> <li>● Weak power at high speed</li> </ul>	<ul style="list-style-type: none"> <li>● Engine power is output through planetary displacements, which is inefficient</li> <li>● The engine is always involved in the speed regulation, there is a part of the power loss</li> <li>● Weak power at high speed by stepping on the gas pedal</li> </ul>	<ul style="list-style-type: none"> <li>● In the 40-60km/h speed range can only use series power generation to adjust the engine operating point, low energy conversion efficiency.</li> <li>● Medium/high-speed: Cannot maintain direct drive under heavy load conditions, low energy conversion efficiency.</li> <li>● Full-load conditions can not be superimposed power, the advantages of multiple power units can not be reflected, high-speed throttle power is weak.</li> </ul>	<ul style="list-style-type: none"> <li>● DHT power performance is outstanding, the response is far beyond the conventional power</li> <li>● No stuttering at low speeds, smooth switching between gas and electricity</li> <li>● Quiet and comfortable driving experience in the car.</li> <li>● Low-speed electric power, medium and high-speed oil-electric dual drive, so that the engine is always at an economical speed.</li> <li>● Single-pedal mode, new convenient control experience, easy to deal with urban congestion</li> <li>● DC charging + idle charging, no loss of battery power after a long time, no worries when going out.</li> </ul>



- **Fast**

DHT power performance is outstanding, response is far beyond the conventional power

- **Smooth**

No stuttering at low speeds and smooth switching between gas and electricity.

- **Quiet**

The ride space is quiet and comfortable, and the driving experience is very pleasant.

- **Saving**

Low-speed electricity, medium and high-speed fuel-electric dual drive, so that the engine is always at an economical speed.

- **Stable**

Four-wheel independent suspension makes handling stable and easy to control

- **One Pedal Mode**

New and convenient control experience, easy to deal with urban congestion



**强劲动力**  
**POWERFUL FORCE**





CLIMATE

SAFETY

Ultimate Safety



**Cage-type body structure, high-strength steel application ratio  $\geq 80\%$ , front and rear with crash beams, the whole vehicle design safety to REACH A-NCAP five-star standard.**

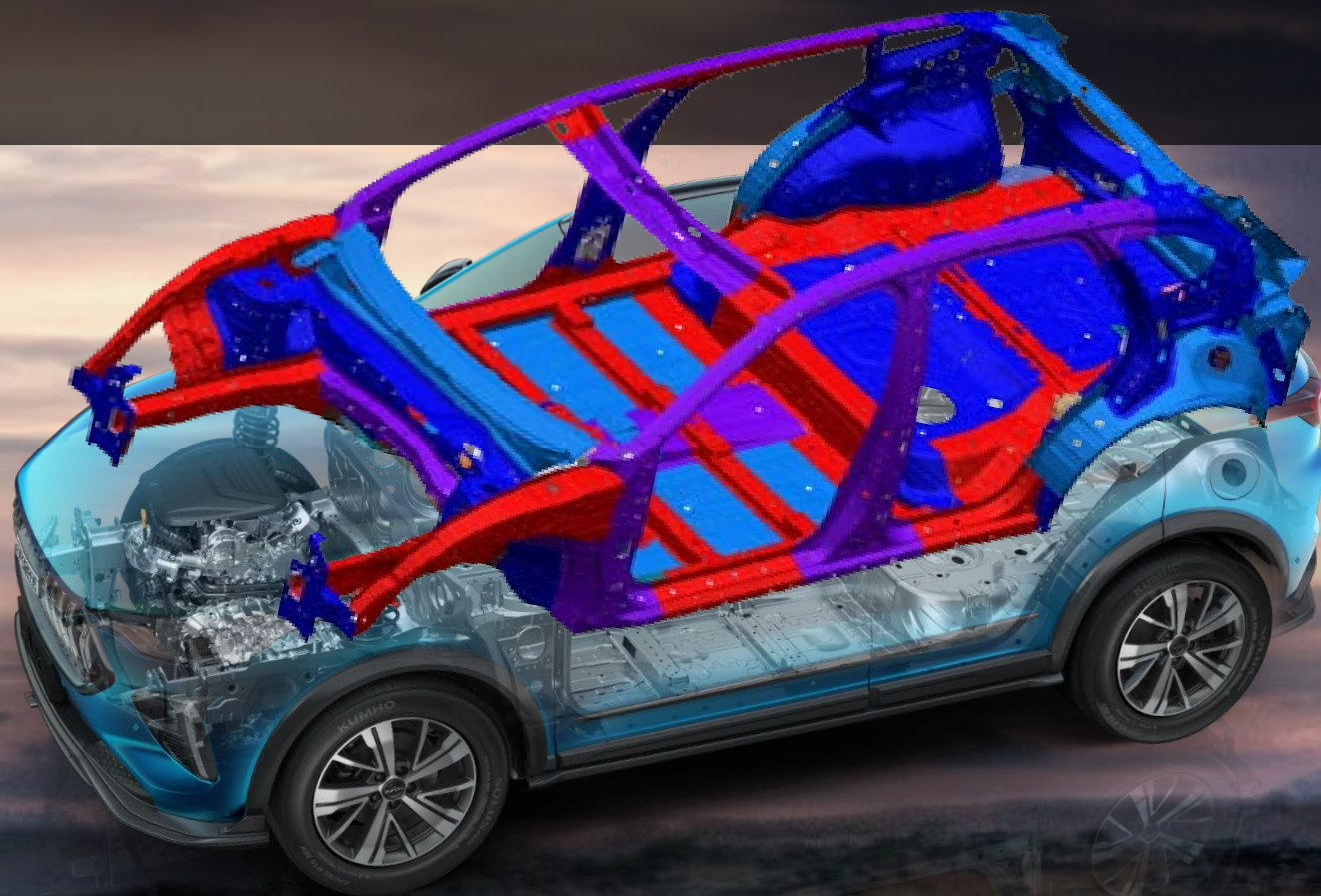
**81.7%**

Share Of High-strength Steel

(Excluding Five Doors And Hood)

**2000Mpa**

hot formed steel





## 360 Panoramic Surround View Camera



**Wide angle, guide line, radar obstacle, MOD lateral object movement monitoring mode**

**12**  
**Angle of view**

The 360° surround view system takes in peripheral images through four 1280\*960 megapixel surround view cameras with high-definition on-screen displays to visualize surrounding obstacles



- **Power steering at any speed**

Steering feel varies with the terrain & is individually adjustable for enhanced driving feel.

- **Collapsed energy-absorbing steering column + 6 airbags**

Effectively absorbs the impact force in the event of a collision and reduces injuries.

- **The latest version of ESP**

System integration of ABS, EBD, TCS, RMI, BA, HDC, HHC, secondary collision mitigation SCM and other functions. Effectively adapts to various road conditions and prevents risks





# ULTIMATE SAFETY

- **81.7% High-strength Steel**

High-strength steel protects safety and makes the vehicle more durable.

- **2000mpa Hot-formed Steel**

High strength brings high safety

- **Fully Automatic Parking**

Fully automatic parking system, no need to operate the whole process

- **360 Panoramic Surround-view Image**

With free mode and track marking, clear understanding of vehicle movements







IGENT



Intelligent Comfortable

COMFOR



Intelligent Comfortable



Plenty of storage space and trunk space



## STORAGE CONVENIENCE

Class super-long wheelbase 2700mm

Trunk volume 291L, rear seats down can be expanded to 952L (HEV trunk 255L, can be expanded to 916L)



All 26 disposable space





## Extra large panoramic sunroof



Length	Width	Sunroof Area	Openable Length	Openable Area
1364mm	870mm	1.19m <sup>2</sup>	683mm	0.59m <sup>2</sup>

## STANDARD EQUIPMENT **Large** OPENABLE **Panoramic Sunroof**

Webasto II intelligent high heat insulation panoramic sunroof, the area is close to 1.2 square meters, the switchable area is nearly 0.59 square meters, 120Km/h high speed, rainy conditions automatically closed, electric sunshade.

Four-door one-touch lifting anti-pinch power windows, rear and tailgate gray privacy glass



Intelligent Comfortable



## Excellent Front And Rear Driving Space

High-end comfortable PVC seats, soft faux leather wrapped wraparound upholstery

Electric heating function for all seats, 6-way power adjustable for the main driver, ventilation function added, 4-way power adjustable for the passenger, tilt angle for the main driver to facilitate maneuvering.

Flat floor design, excellent front and rear driving space, 4/6 split folding rear seats, equipped with global ISO FIX child seat interface

Headroom	Front	890.1
	Rear	864.6
Legroom	Front	111.2
	Rear	928
Shoulder room	Front	1431.1
	Rear	1409
Elbowroom	Front	1512.9
	Rear	1493.8
Hip room	Front	1400
	Rear	1401



**Intelligent Comfortable**



### **DUAL TEMPERATURE ZONE AIR CONDITIONING**

- **Dual temperature zone automatic air conditioning with individual control of both zones and automatic defogging**
- **Rear air conditioning vents**

### **CAR PLAY AND WIRELESS CHARGING**

- **Connect with your phone via Apple CarPlay® and Android® Auto**
- **Wireless charging places a compatible device on the charging pad to power the device, eliminating the need to plug in cables.**





**DOW**  
Door Opening Alert



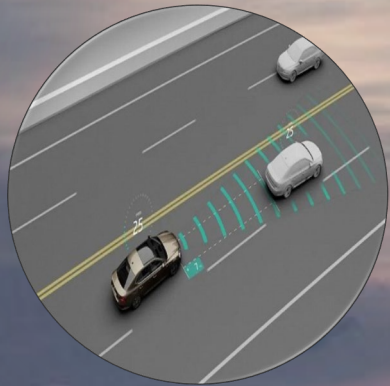
**Lane Change Assist**



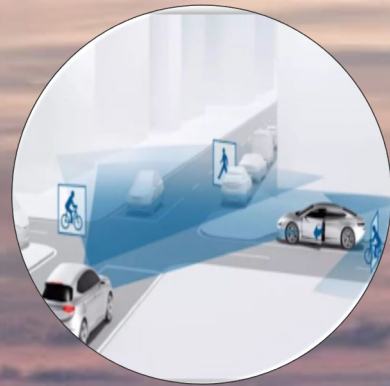
**TSR Traffic Sign Recognition**



**Parallel Assist**



**ACC Full-speed Domain Adaptive Cruise Control**



**Automatic Emergency Brake**



**Front And Rear Collision Warning**



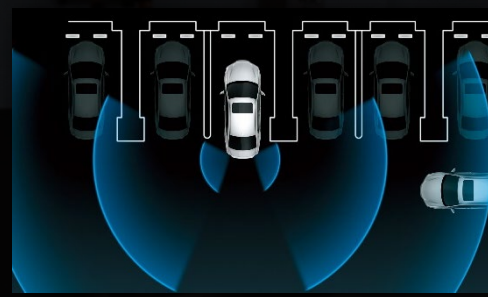
**Fully Automatic Parking Assist**



Intelligent Comfortable



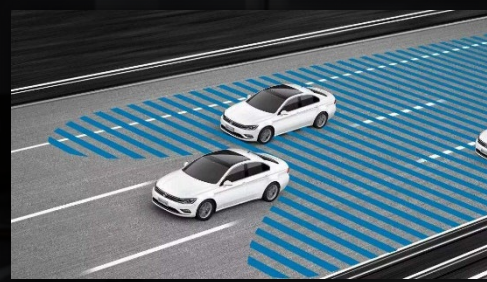
# Full Range Of Active Safety Systems



**RCTA**

**Reverse Transverse Alert**

Reverse collision prevention



**LCA**

**Lane Change Assist**

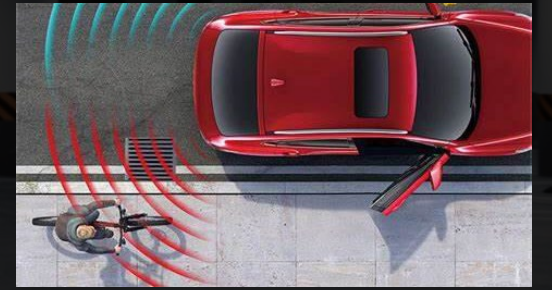
Lane Change Collision Avoidance



**BSD**

**Blind Sector Detection**

Reduced visual blindness



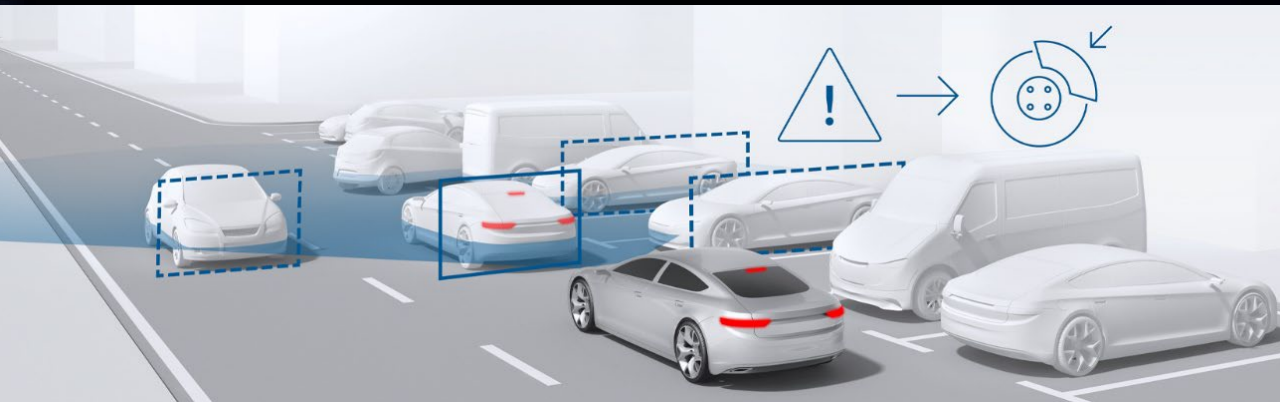
**DOW**

**Door Opening Alert**

Anti-collision door opening



# Intelligent Comfortable



PREVENTIVE  
**2/3**  
Accidents

Audible and visual alarms when the system detects a potential risk of collision with vehicles, pedestrians or bicycle objects in front of the system, and if the situation continues to deteriorate, automatic emergency braking according to the degree of urgency

Avoiding  
Personal Rear-  
end Accidents  
**72%**

Follow the vehicle forward; can realize adaptive cruise, follow the vehicle and vehicle parking control.

**ACC**  
Preventing Rear-end Accidents

Within 3S, the vehicle in front of the vehicle starts, the vehicle automatically starts to follow the vehicle.

If the vehicle in front of you doesn't start driving within 3S, but is driving within 3-180s, you need to step on the gas pedal or tap the cruise button (reset button) to activate the following cruise

REDUCE  
**10%**  
fuel  
consumption



**ICA**

This function is effective at the same time when the vehicle speed is 0-60km/h and the adaptive cruise control is on







# INTELLIGENT COMFORTABLE

- **High-end comfort PVC seating**

Soft faux-leather wrapped wrap-around interior, electric heating for all seats, longitudinal driving comfort

- **Abundant storage space**

The design of storage space is flexible and abundant, and it is more convenient to take and put sundries

- **Dual temperature zone air conditioning**

Comfort temperature profile for improved ride comfort.

- **Large panoramic sunroof**

All standard equipment can open the panoramic sunroof, good lighting at the same time to maintain the freshness of the interior

- **Intelligent & Safety**

Intelligent driving assistance system, freeing hands, eyes and feet, safer at highway speeds and more relaxed in congestion



# Recommended Sales Pitch

## BRAND

GWM founded in 1984, is an international multi-brand automobile manufacturer headquartered in China. It is a world-renowned manufacturer of SUVs and pickups. It owns five brands, namely Haval, WEY, ORA, Tank and POER. With its products ranging from SUV, passenger car to pickup truck, GWM has a self-sufficient chain of engine, transmission and other core components.

GWM has set up R&D centers and technological innovation centers in China, the United States, Germany, Austria, Japan, South Korea and other countries and regions. In China, GWM has 10 full-process vehicle production bases. In the overseas market, GWM is one of the first Chinese automobile enterprises to go abroad and exported its products for the first time in 1997. It has established full-process vehicle production bases in Thailand and Brazil and several KD plants in Ecuador, Pakistan, etc. GWM has exported its products to over 170 countries and regions, and sold exceeding 1.4 million vehicles overseas through over 1000 overseas dealerships.

- JOLION is a small SUV crafted by GWM for the A0 class SUV market, which is very popular in Australia. JOLION Pro is optimized in appearance, the whole vehicle is more sporty, and upgraded with a number of configurations, such as rear suspension, steering wheel adjustments, front seat functions, interior ambient lighting, and so on.
- JOLION Pro is equipped with GWM's own 4G15 engine, equipped with variable valve lift, intake VVT, double overhead camshafts and other advanced technologies, with higher thermal efficiency, 130KW power, torque up to 270Nm, the strongest power in its class, even beyond the 2.0 power.
- Equipped with intelligent assistance system, with full-speed adaptive cruise control, 360° image, traffic jam assistance, traffic sign recognition, front and rear collision warning, automatic emergency braking, door opening warning and reverse lateral warning/braking and more than 10 intelligent recognition functions.





# Thanks.