



Haval
Global Intelligent SUV Expert



**The All-New
Haval H6 Hybrid**



All-New Haval H6 Hybrid

HAVAL
Global Intelligent SUV Expert



GWM Australia is proud to announce the newest addition to the Haval SUV range, the H6 Hybrid.

Offered as a new powertrain alternative on the latest generation H6, the Hybrid will offer all premium interior, connectivity and safety features found on the current H6 Ultra grades.

The new H6 Hybrid features the all-new 1.5T 4G15H Hybrid engine combined with the Dedicated Hybrid Transmission to provide both high-efficiency and high-performance with a combined output of 179 kW, 530 Nm of torque and an average fuel consumption of 5.2L/100km.



H6 Hybrid Exterior

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Visually, the H6 Hybrid will differentiate itself from the current H6 with a new front grille, added door trims and dual rear center brake lights.



H6 Hybrid Exterior Colours

The H6 Hybrid will be available in seven exterior colours, including the all-new Crayon Grey.



Crayon Grey*



Blue Sapphire*



Burgundy Red*



Hamilton White



Ayers Grey*



Golden Black*



Energy Green*

H6 Hybrid Interior

As expected of a Haval SUV, the new H6 Hybrid demonstrates superb value with features such as colour LED instrument cluster, Heads Up Display, fatigue monitoring and wireless charging available.



Haval H6 Hybrid Specifications

The new H6 Hybrid features the all-new 1.5T 4B15D Hybrid engine combined with the Dedicated Hybrid Transmission to provide both high-efficiency and high-performance. Drivetrain is 4x2 only. Offered as a new powertrain alternative on the latest generation H6, the Hybrid will offer all premium interior, connectivity and safety features found on the current H6 Ultra grades.

H6 Ultra Hybrid

Features:

- 19-inch alloy wheels
- Panoramic sunroof
- Electric tailgate
- 12.3 inch colour multimedia touchscreen
- Heads Up Display
- Heated steering wheel
- Wireless charging
- 4-way electrically adjustable passenger's seat
- Heated and ventilated front seats
- Rear Cross Traffic Alert with brake
- Fully automatic parking
- 8 Speakers + DTS

1.5T Engine

Power: 110 kW

Torque: 230 Nm

Electric Motor

Power: 130 kW

Torque: 300 Nm



Combined Output

Power: 179 kW

Torque: 530 Nm

Consumption: 5.2L/100km

From \$45,990 Driveaway

H6 Hybrid Interior

Elegance continues to be the theme on the interior of the H6 Hybrid with the latest in automotive technology such as wireless phone charging, LED instrument cluster, 360-degree camera, heated steering wheel and fully automatic parking available.



New Generation Technology

The HAVAL H6 Hybrid comes with a range of active and passive safety features as standard found on the current H6 Ultra, making it one of the best value hybrid options available in Australia when it comes to technology, comfort and safety.

Haval H6 Specifications								
		Front-wheel Drive	Low Power	Ultra Power	Ultra Power	Ultra Power	Ultra Power	Ultra Power
Engine	1.5T 150kW (204hp) 1.5T 150kW (204hp)	1.5T 150kW (204hp)	1.5T 150kW (204hp)	1.5T 150kW (204hp)	1.5T 150kW (204hp)	1.5T 150kW (204hp)	1.5T 150kW (204hp)	1.5T 150kW (204hp)
Transmission	7-Speed Wet Clutch DCT	7-Speed Wet Clutch DCT	7-Speed Wet Clutch DCT	7-Speed Wet Clutch DCT	7-Speed Wet Clutch DCT	7-Speed Wet Clutch DCT	7-Speed Wet Clutch DCT	7-Speed Wet Clutch DCT
0-100km/h	7.9s	7.9s	7.9s	7.9s	7.9s	7.9s	7.9s	7.9s
Max Power (kW@rpm)	150 @ 4000-4500	150 @ 4000-4500	150 @ 4000-4500	150 @ 4000-4500	150 @ 4000-4500	150 @ 4000-4500	150 @ 4000-4500	150 @ 4000-4500
Max Torque (Nm@rpm)	238 @ 1500-4000	238 @ 1500-4000	238 @ 1500-4000	238 @ 1500-4000	238 @ 1500-4000	238 @ 1500-4000	238 @ 1500-4000	238 @ 1500-4000
Drive Mode	Normal, Sport, Eco, Snow, Sand, Mud, Off-road	Normal, Sport, Eco, Snow, Sand, Mud, Off-road	Normal, Sport, Eco, Snow, Sand, Mud, Off-road	Normal, Sport, Eco, Snow, Sand, Mud, Off-road	Normal, Sport, Eco, Snow, Sand, Mud, Off-road	Normal, Sport, Eco, Snow, Sand, Mud, Off-road	Normal, Sport, Eco, Snow, Sand, Mud, Off-road	Normal, Sport, Eco, Snow, Sand, Mud, Off-road
Top Speed (km/h)	180	180	180	180	180	180	180	180
Fuel Economy (L/100km)	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
CO2 Emissions (g/km)	159	159	159	159	159	159	159	159
Warranty	3 years / 100,000km	3 years / 100,000km	3 years / 100,000km	3 years / 100,000km	3 years / 100,000km	3 years / 100,000km	3 years / 100,000km	3 years / 100,000km
Price	From \$24,990	From \$24,990	From \$24,990	From \$24,990	From \$24,990	From \$24,990	From \$24,990	From \$24,990

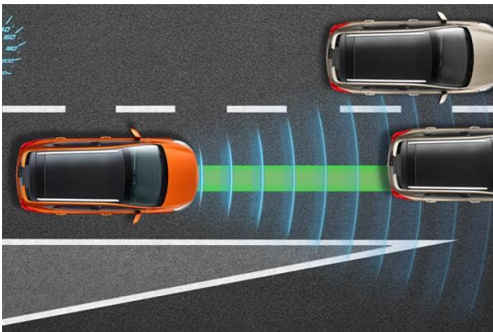
Click for full
specification list

Level 2+ Autonomous Driving

The H6 Hybrid is equipped with the Mobile Eye Q4 autonomous driving chip and comes with 14 Radars and 6 Cameras to provide a Level 2+ autonomous driving experience.

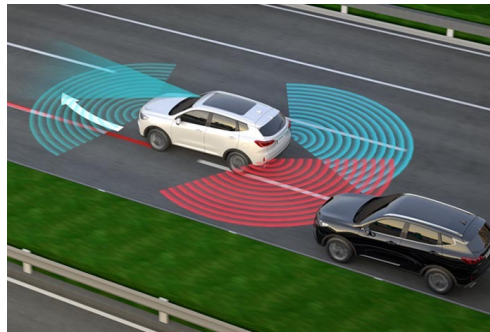
Adaptive Cruise Control + Intelligent Cruising Assist

ADAS cameras coupled with the powerful Eye Q4 chip to achieve adaptive cruise control with a full-speed range, keeping the vehicle centered and allowing for a temporary hands-free mode



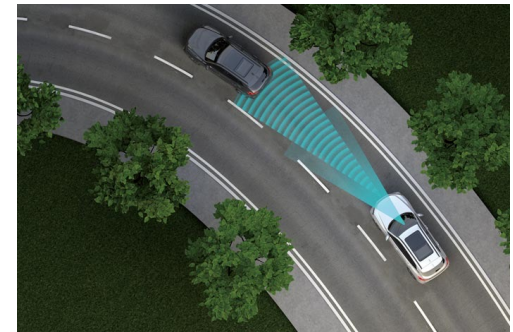
Smart collision avoidance assist

A combination of Front and Rear Collision Warning, Blind Spot Detection, Lane Keep Assist and Emergency Lane Keep makes the H6 one of the safest medium SUVs on the road today



Intelligent Cornering

Intelligent calculation of the road surface curvature ahead to slow down in advance, thus easily cornering





New Generation Technology



All-scenario automatic parking

Four round view 1280x720 megapixel HD cameras provide the driver with an intelligent 360-degree view of the vehicle and allow with vehicle, in combination with ultrasonic sensors, to fully automate park in a parallel, perpendicular or angled parking spot.



Auto Emergency Braking in all driving scenarios

Real-time calculations through the Mobile Eye Q4 provides the new H6 with pedestrian, cyclist, junction/crossroad and reverse AEB functionality.



Traffic Sign Recognition (TSR)

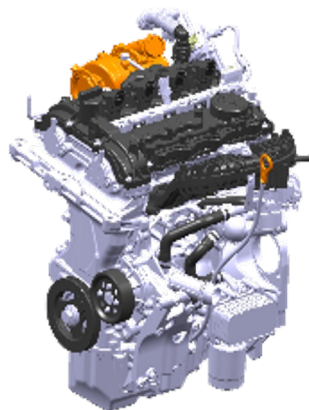
With a 95% comprehensive recognition rate and a range of 20m horizontally, the standard H6 TSR systems recognises signs such as speed limit, arrow-related, warning and stop signs, and will provide the driver with an audible warning if a speed limit is exceeded.



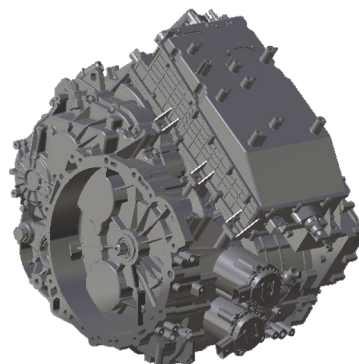
DHT Overview

GWM Dedicated Hybrid Technology (DHT) is a core technology route in GWM's electrification roadmap which provides both high-efficiency and high-performance at the same time. DHT is aimed to provide solutions for both urban driving and interstate long distance driving.

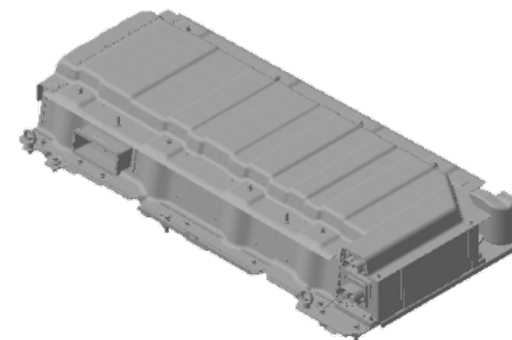
1.5L hybrid engine



Highly integrated DHT



High power HEV battery



Power Spec

- Engine power-70kW , torque-125N·m
- Motor power-110kW , torque-250N·m
- Max power-139kW , Max torque-375N·m
- 0~100km/h speed up takes 8.2 seconds

Quick
Speed respond

Quiet
As an EV

Smooth
Hybrid

Economic
Fuel consumption

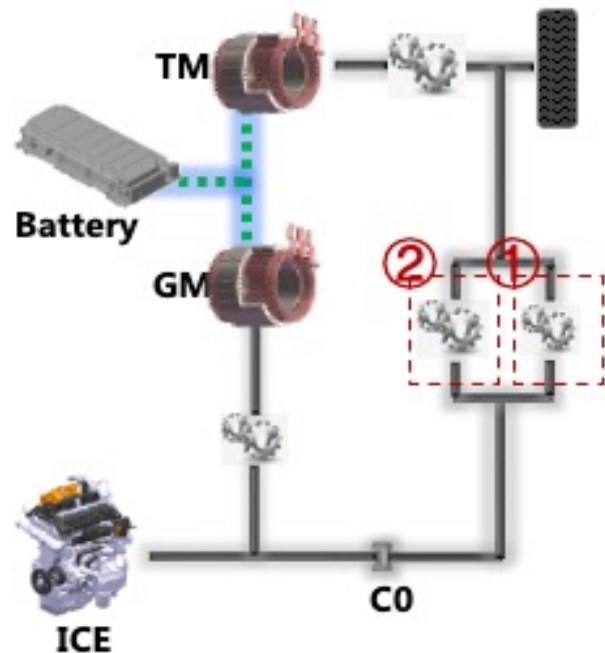
*Actual fuel consumption varies depending on driving conditions/style, vehicle condition, load and options/accessories fitted.

2 motors – 2 gears – 6 modes

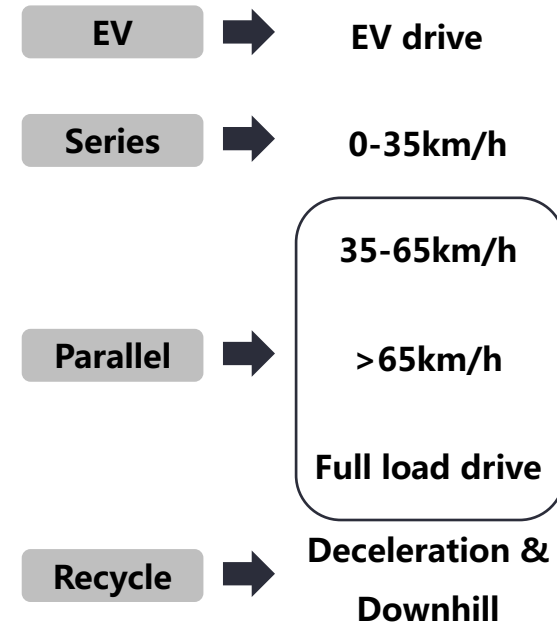
Highly integrated industry design: Smaller size, lighter weight, higher transmission efficiency, excellent NVH performance and greater reliability.

Gears : P, R, N, D1, D2

- ① low speed ratio for high speed cruise, more economic
- ② large speed ratio for engine direct drive and overtakes

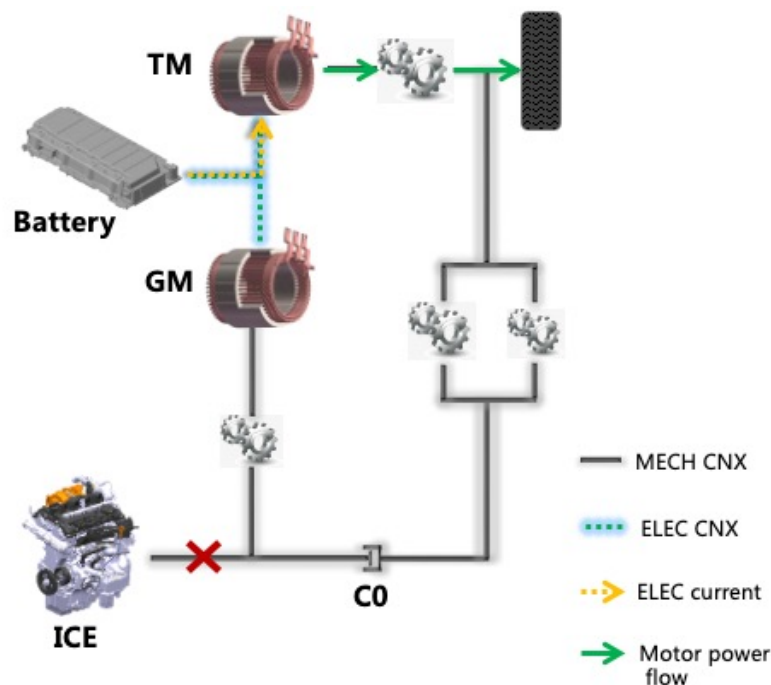


Dual motor topological structure
to realize multiple optimal working modes
under different load capacity



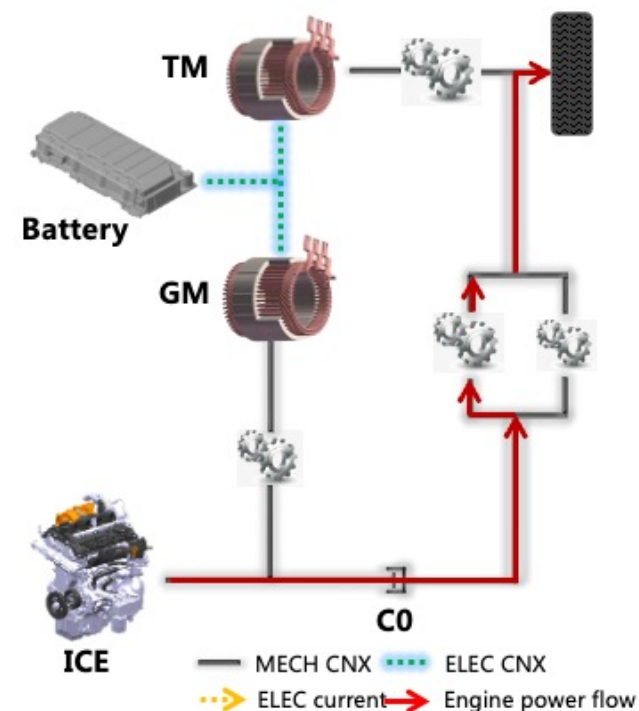
EV drive:

- Disconnection of engine powertrain, Battery powers TM
- TM efficiently transmits power to wheels by two-stage toothed gear



35-65km/h:

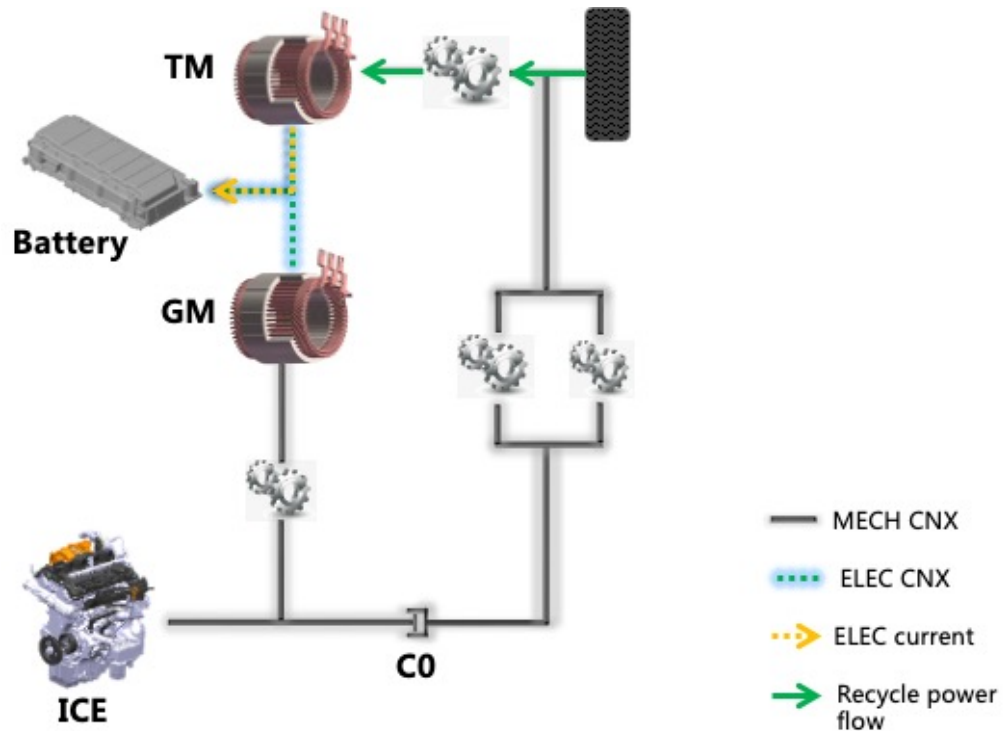
- Engine direct drive via DHT (low speed gear)
- TM stands by, dynamically adjust engine working load





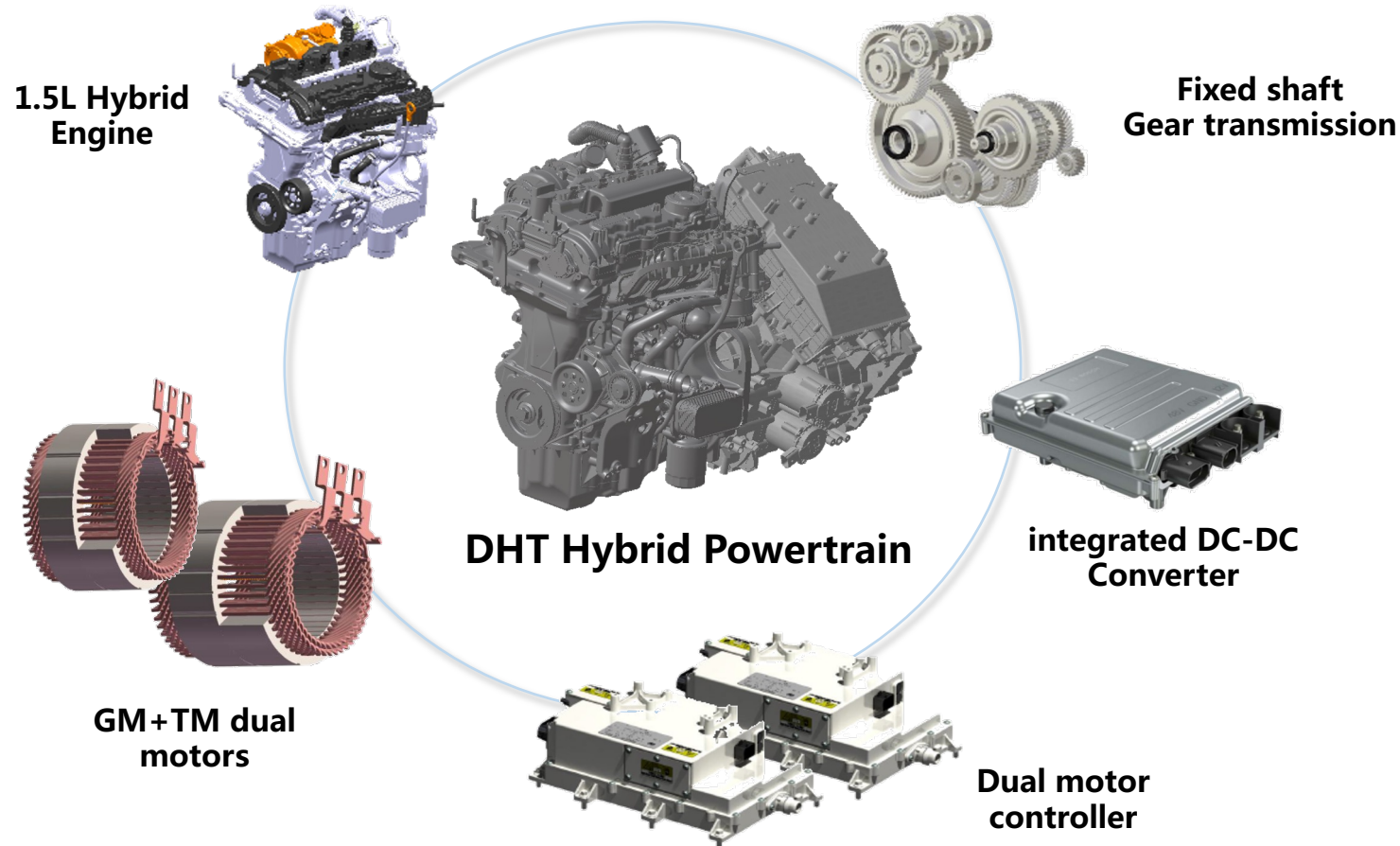
Deceleration & downhill:

- Disconnection of clutch, efficiently recycle power through TM

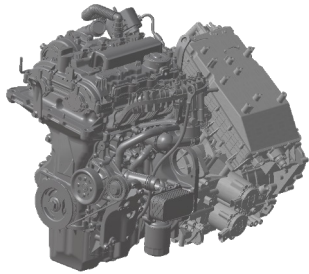


7-in-1 Smart Hybrid System

Highly integrated industry design: Smaller size, lighter weight, higher transmission efficiency, excellent NVH performance and greater reliability.



"Seven-in-one" highly integrated hybrid powertrain

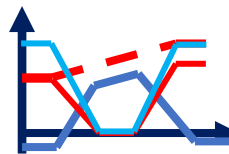


1.5Tengine+DHT130

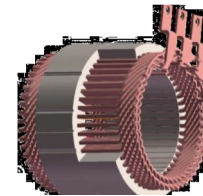
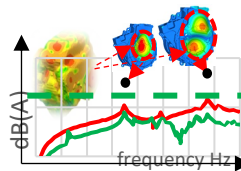
- **Highly integrated:** 7 in 1 highly integrated compact design, easy to carry and arrange for the whole vehicle
- **High efficiency:** Fixed axis gear transmission, the highest transmission efficiency $\geq 97\%$, More fuel-efficient;
- **Smooth shift:** Can realize shifting without power interruption and improve driving smoothness
- **Quiet NVH:** The motor stator has a low-harmonic winding structure, the rotor has three-stage oblique poles, and the gearbox adopts a high gear coincidence design. NVH excellent performance
- **Control integration:** Integrated design of parking and shifting, electronic pump directly controls the clutch, compact structure and better cost



Seven-in-one highly integrated hybrid powertrain
Ultra-quiet NVH

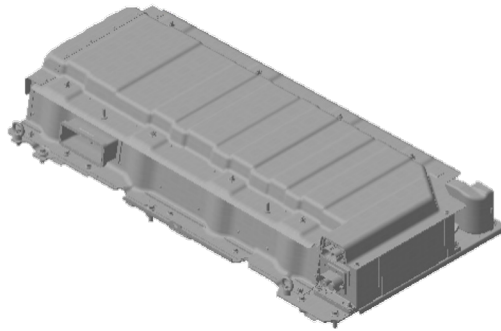


Fixed-axis gear transmission
Low harmonic windig



Non power interruption shifting
Parking/Shift integrated design

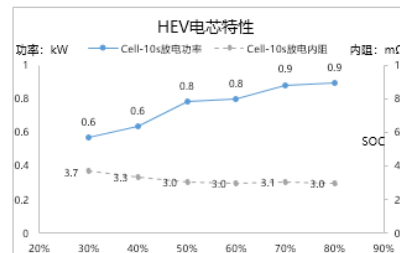
High-power, low-resistance, high-performance HEV battery



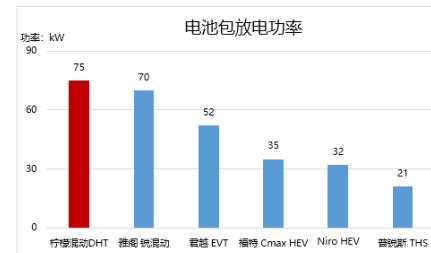
- **High-performance battery:** Use CATL high-power low-resistance batteries
- **Large battery capacity:** Battery power 1.76kWh
- **Super quiet:** Adopt advanced silent air-cooling technology
- **Super discharge rate:** Discharge power 70.9kW (RT, 10s, 50% SOC)
- **Long warranty:** 8 years/Unlimited kms
- **Strict certification:** Certified with the E-Mark



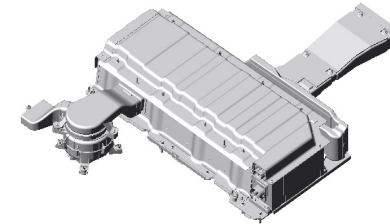
CATL high capacity
HEV-dedicated battery



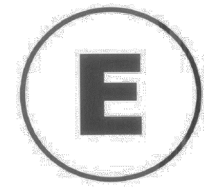
high performance HEV battery



Super discharge power



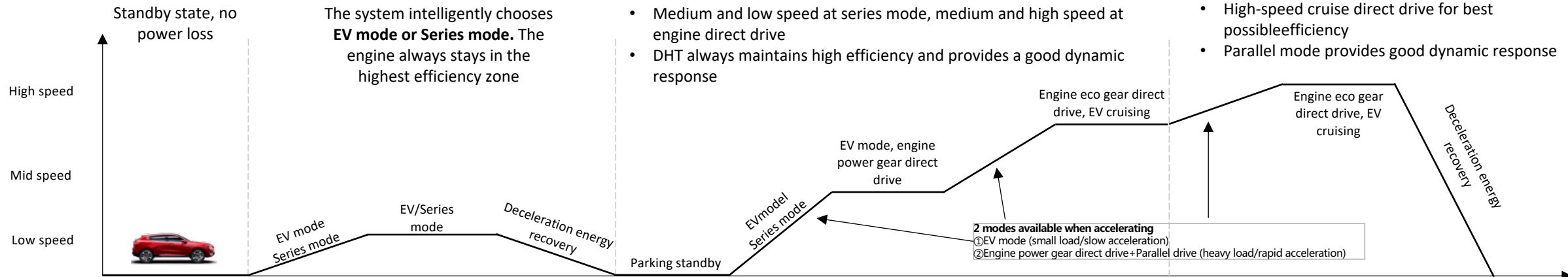
Quiet NVH air cooling technology



E-mark认证
E-mark certification

E-Mark certification

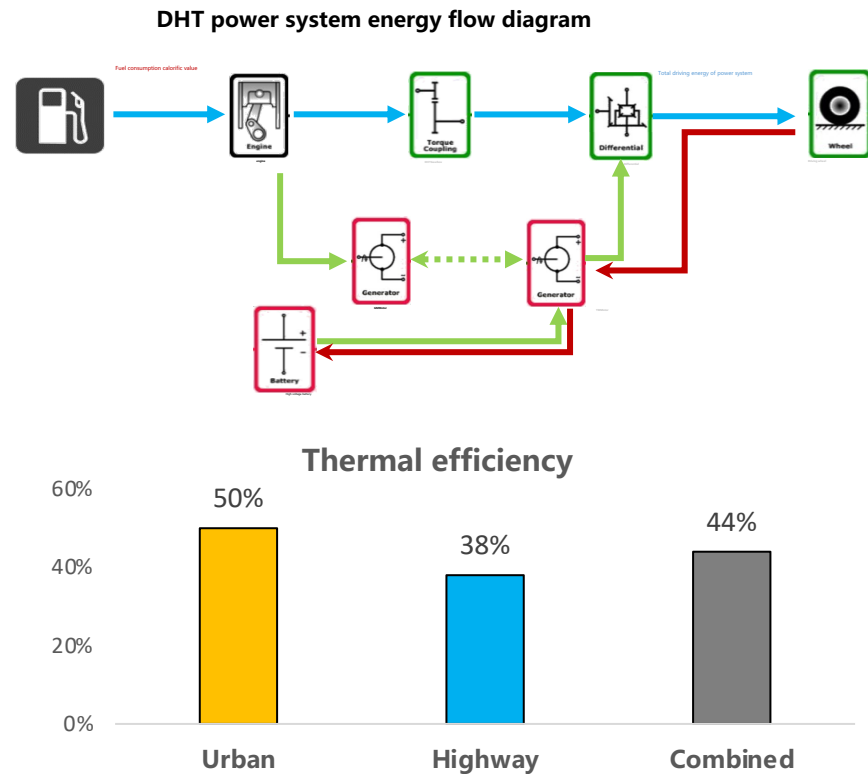
DHT smart hybrid supports multiple drive modes and adapts to different working conditions. It includes **4 main driving scenarios** and **11 working conditions** which interprets driver intentions resulting in a smart hybrid solution for drivers.



	Full stop/Starting	Urban roads (0-35 km/h)			Suburban Roads & Freeways (35-80 km/h)					Highways (>80 km/h)		
Working condition description	Stop/Starting	Urban acceleration	Urban cruise	Urban deceleration	Stop/Starting	Suburban acceleration	City cruise	Suburban Overtaking	Suburban cruise	Higher speed Overtaking	High speed cruise	Deceleration
Two-speed hybrid (DHT)	Switches automatically between EV mode and series mode to run electric power to wheels. Fuel consumption is the most economical.				The engine and the electric drive motor operate together during rapid acceleration and heavy load at full load to provide the best performance At medium speed operation (above 40km/h), the engine drives the wheels directly, with 5% improved energy efficiency compared to the series driving mode					The engine and the electric drive motor operate together during rapid acceleration and heavy load at full load to provide the best performance		

The DHT platform does not pursue the highest performance at a single point but aims to maximise overall efficiency of the power system. Currently, comprehensive efficiency of the power system can reach over 50%.

HEV fuel economy



HEV driving performance

Wheel torque (N·m)

