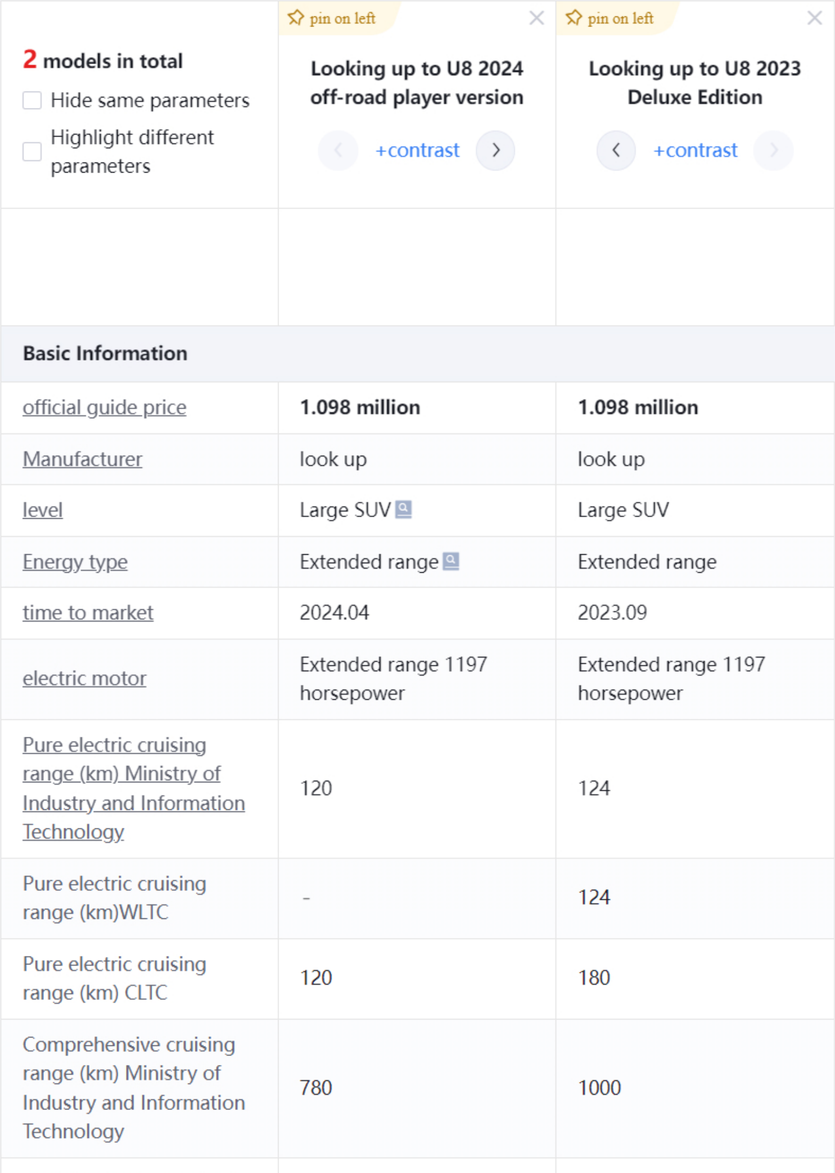
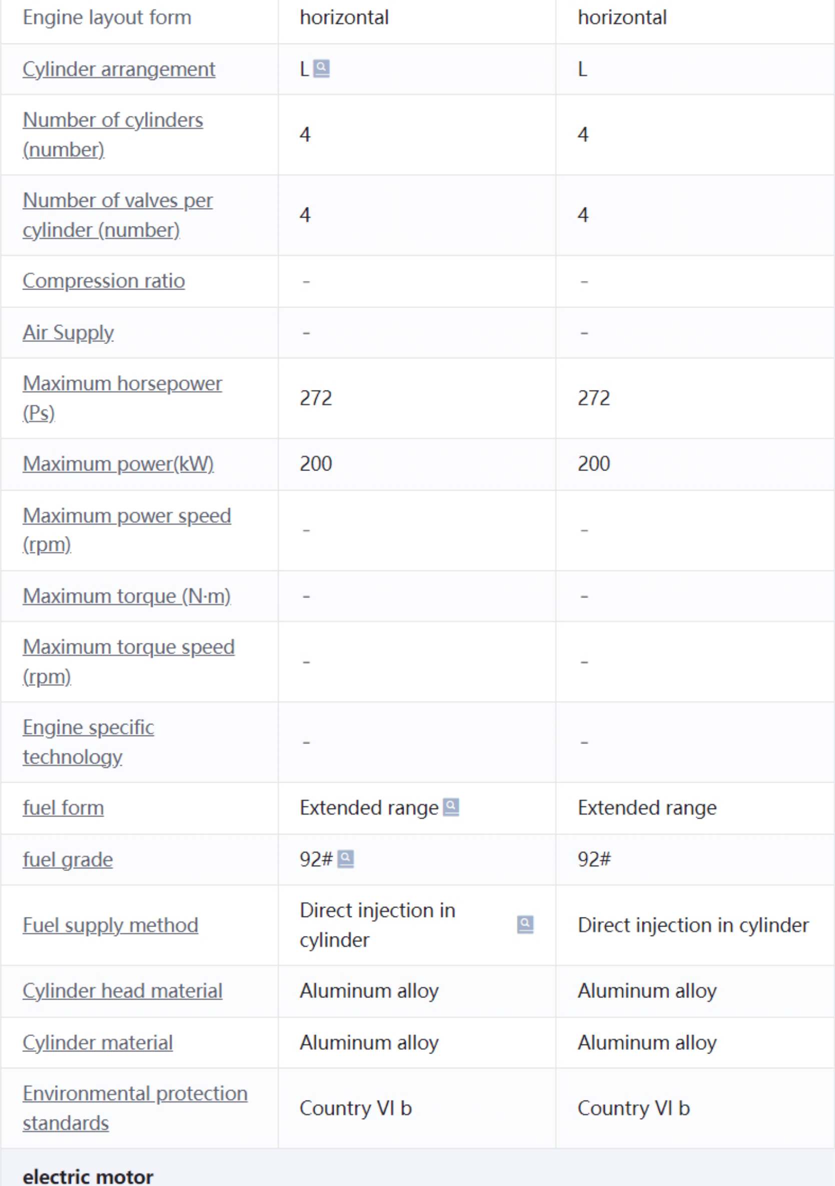


2 models in total ☐ Hide same parameters ☐ Highlight different parameters	pin on left **Looking up to U8 2024 off-road player version** +contrast	pin on left **Looking up to U8 2023 Deluxe Edition** +contrast
Basic Information		
official guide price	**1.098 million**	**1.098 million**
Manufacturer	look up	look up
level	Large SUV	Large SUV
Energy type	Extended range	Extended range
time to market	2024.04	2023.09
electric motor	Extended range 1197 horsepower	Extended range 1197 horsepower
Pure electric cruising range (km) Ministry of Industry and Information Technology	120	124
Pure electric cruising range (km)WLTC	-	124
Pure electric cruising range (km) CLTC	120	180
Comprehensive cruising range (km) Ministry of Industry and Information Technology	780	1000

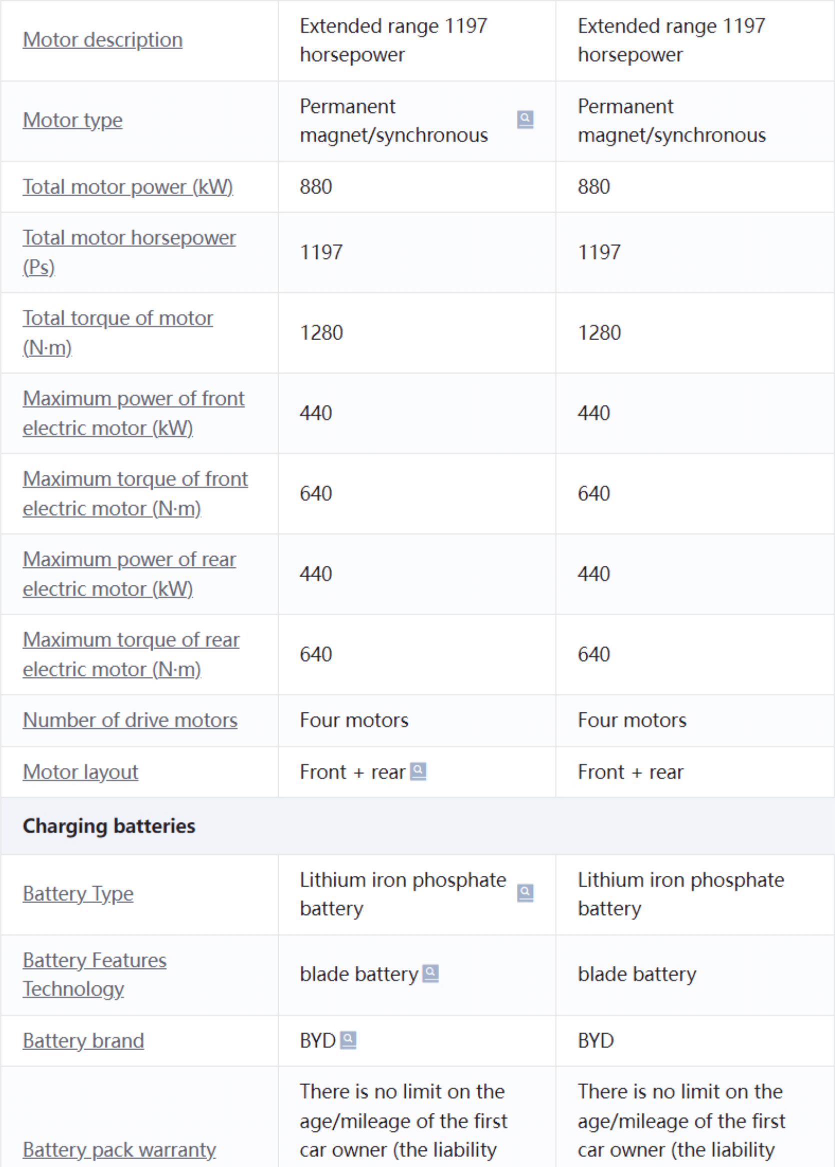
Comprehensive cruising range (km)CLTC	780	1000
Charging time (hours)	Fast charging 0.3 hours, slow charging 8 hours	Fast charging 0.3 hours, slow charging 8 hours
Fast charging capacity (%)	30-80	30-80
Maximum power(kW)	880(1197Ps)	880(1197Ps)
Maximum torque (N·m)	1280	1280
gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Length x width x height (mm)	5325x2095x1940	5319x2050x1930
Body structure	5-door, 5-seater SUV	5-door, 5-seater SUV
Maximum speed (km/h)	190	200
Official acceleration time to 100 kilometers (s)	3.9	3.6
Electricity consumption per 100 kilometers (kWh/100km)	-	-
Electric energy equivalent fuel consumption (L/100km)	2.8	2.8
Minimum state of charge fuel consumption (L/100km) Ministry of Industry and Information Technology	6.5	6.5
Vehicle warranty period	6 years or 150,000 kilometers	6 years or 150,000 kilometers
Body		

Length(mm)	5325	5319
Width(mm)	2095	2050
Height(mm)	1940	1930
Wheelbase(mm)	3050	3050
Front wheelbase (mm)	1764	1740
Rear wheelbase (mm)	1755	1731
Body structure	SUV	SUV
Number of doors (number)	5	5
Car door opening method	swing door	swing door
Number of seats (seats)	5	5
Curb weight (kg)	3490	3460
Full load mass (kg)	4170	3985
Fuel tank volume (L)	75.0	75.0
Luggage compartment volume (L)	1031-2050	1031-2050
Approach angle (°)	37.5	36.5
Departure angle (°)	38.0	35.4
Maximum grade(%)	-	-
engine		
engine model	BYD487ZQD	BYD487ZQD
Displacement (mL)	1997	1997
Displacement(L)	2.0	2.0
Intake form	turbocharging	turbocharging

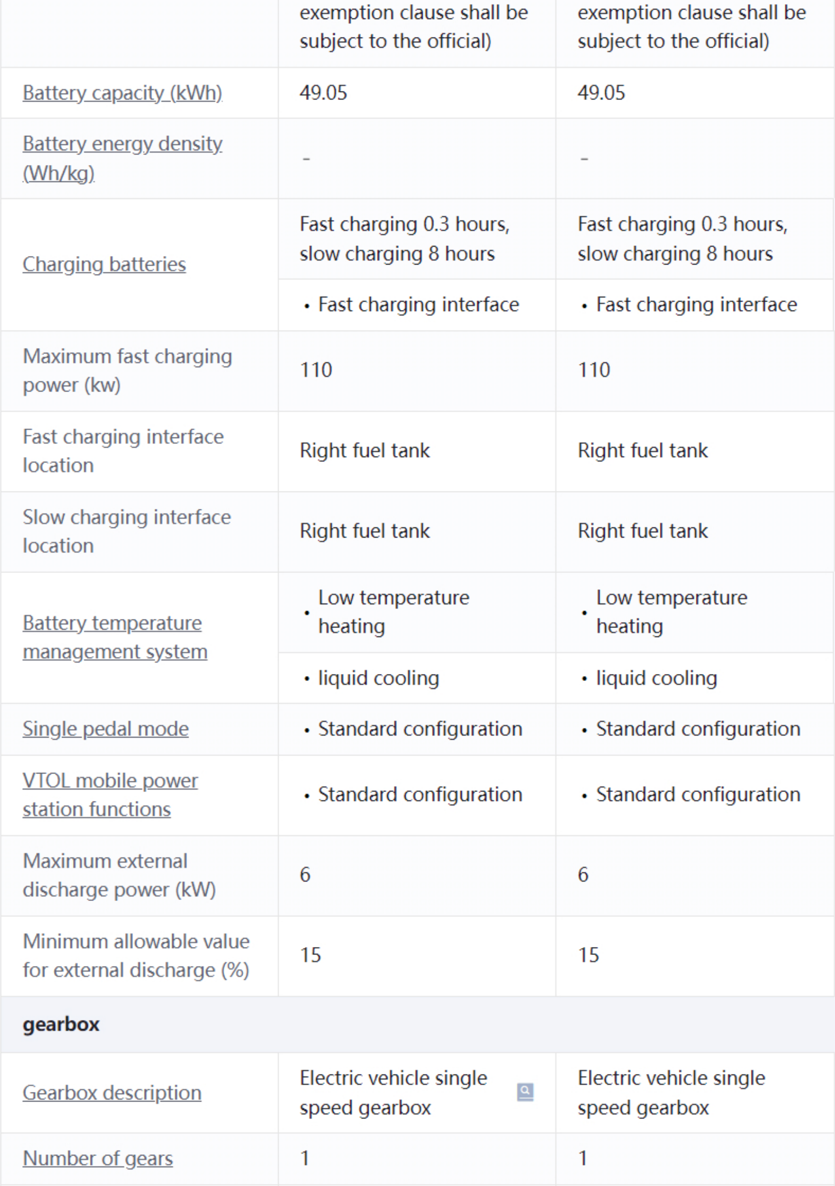


Engine layout form	horizontal	horizontal
Cylinder arrangement	L	L
Number of cylinders (number)	4	4
Number of valves per cylinder (number)	4	4
Compression ratio	-	-
Air Supply	-	-
Maximum horsepower (Ps)	272	272
Maximum power(kW)	200	200
Maximum power speed (rpm)	-	-
Maximum torque (N·m)	-	-
Maximum torque speed (rpm)	-	-
Engine specific technology	-	-
fuel form	Extended range	Extended range
fuel grade	92#	92#
Fuel supply method	Direct injection in cylinder	Direct injection in cylinder
Cylinder head material	Aluminum alloy	Aluminum alloy
Cylinder material	Aluminum alloy	Aluminum alloy
Environmental protection standards	Country VI b	Country VI b

electric motor

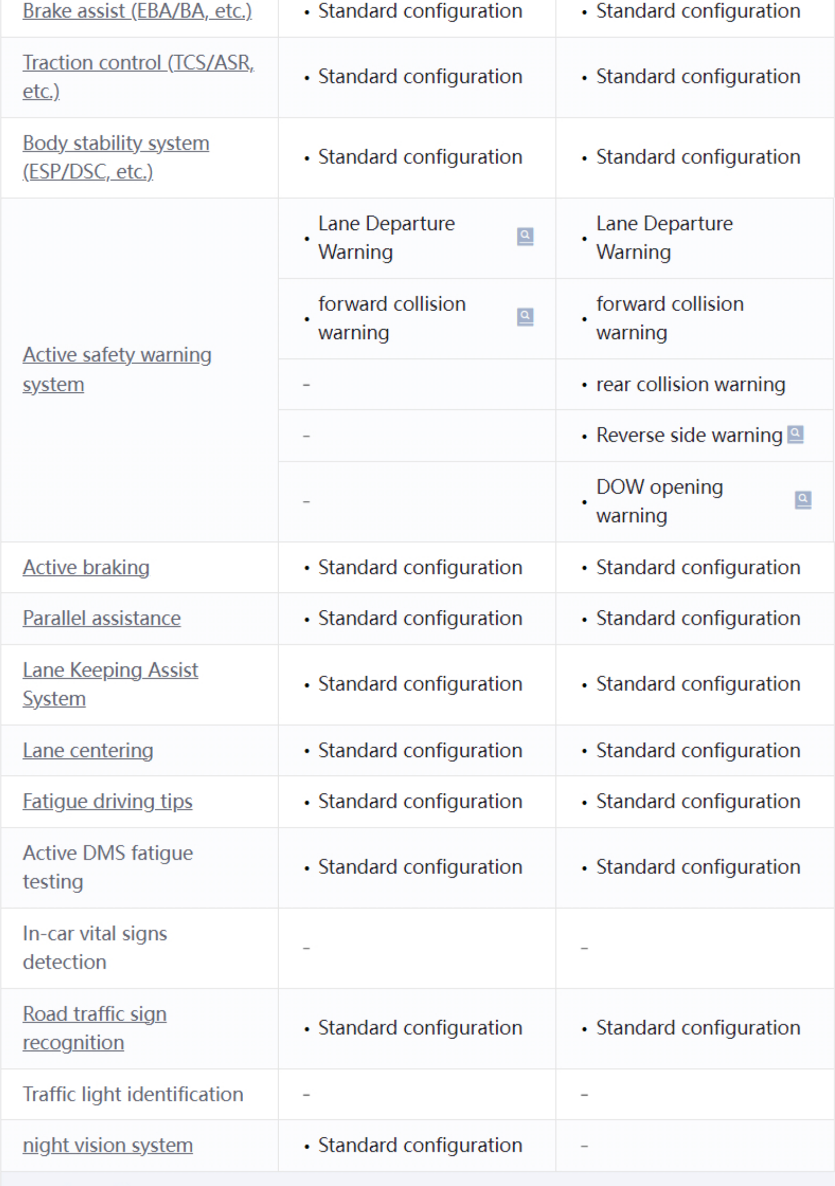


Motor description	Extended range 1197 horsepower	Extended range 1197 horsepower
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	880	880
Total motor horsepower (Ps)	1197	1197
Total torque of motor (N·m)	1280	1280
Maximum power of front electric motor (kW)	440	440
Maximum torque of front electric motor (N·m)	640	640
Maximum power of rear electric motor (kW)	440	440
Maximum torque of rear electric motor (N·m)	640	640
Number of drive motors	Four motors	Four motors
Motor layout	Front + rear	Front + rear
Charging batteries		
Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery Features Technology	blade battery	blade battery
Battery brand	BYD	BYD
Battery pack warranty	There is no limit on the age/mileage of the first car owner (the liability	There is no limit on the age/mileage of the first car owner (the liability



	exemption clause shall be subject to the official)	exemption clause shall be subject to the official)
Battery capacity (kWh)	49.05	49.05
Battery energy density (Wh/kg)	-	-
Charging batteries	Fast charging 0.3 hours, slow charging 8 hours	Fast charging 0.3 hours, slow charging 8 hours
	• Fast charging interface	• Fast charging interface
Maximum fast charging power (kw)	110	110
Fast charging interface location	Right fuel tank	Right fuel tank
Slow charging interface location	Right fuel tank	Right fuel tank
Battery temperature management system	• Low temperature heating	• Low temperature heating
	• liquid cooling	• liquid cooling
Single pedal mode	• Standard configuration	• Standard configuration
VTOL mobile power station functions	• Standard configuration	• Standard configuration
Maximum external discharge power (kW)	6	6
Minimum allowable value for external discharge (%)	15	15
gearbox		
Gearbox description	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Number of gears	1	1

Gearbox type	fixed ratio gearbox	fixed ratio gearbox
Chassis/steering		
Drive mode	Four-motor four-wheel drive	Four-motor four-wheel drive
Four wheel drive type	Electric four-wheel drive	Electric four-wheel drive
front suspension form	Double wishbone independent suspension	Double wishbone independent suspension
Rear suspension form	Double wishbone independent suspension	Double wishbone independent suspension
steering type	electric assist	electric assist
Body structure	Non-load-bearing	Non-load-bearing
wheels/brakes		
Front brake type	ventilated disc	ventilated disc
rear brake type	ventilated disc	ventilated disc
Parking brake type	Electronic parking	Electronic parking
Front tire size	285/55 R20	275/50 R22
Rear tire size	285/55 R20	275/50 R22
Spare tire specifications	• Full Size	• Full Size
Spare tire placement	• Backpack	• Backpack
active safety • Standard configuration ◦ Optional - none		
ABS anti-lock	• Standard configuration	• Standard configuration
Braking force distribution (EBD/CBC, etc.)	• Standard configuration	• Standard configuration



Brake assist (EBA/BA, etc.)	• Standard configuration	• Standard configuration
Traction control (TCS/ASR, etc.)	• Standard configuration	• Standard configuration
Body stability system (ESP/DSC, etc.)	• Standard configuration	• Standard configuration
Active safety warning system	• Lane Departure Warning	• Lane Departure Warning
	• forward collision warning	• forward collision warning
	-	• rear collision warning
	-	• Reverse side warning
	-	• DOW opening warning
Active braking	• Standard configuration	• Standard configuration
Parallel assistance	• Standard configuration	• Standard configuration
Lane Keeping Assist System	• Standard configuration	• Standard configuration
Lane centering	• Standard configuration	• Standard configuration
Fatigue driving tips	• Standard configuration	• Standard configuration
Active DMS fatigue testing	• Standard configuration	• Standard configuration
In-car vital signs detection	-	-
Road traffic sign recognition	• Standard configuration	• Standard configuration
Traffic light identification	-	-
night vision system	• Standard configuration	-

passive safety • Standard configuration ◦ Optional - none

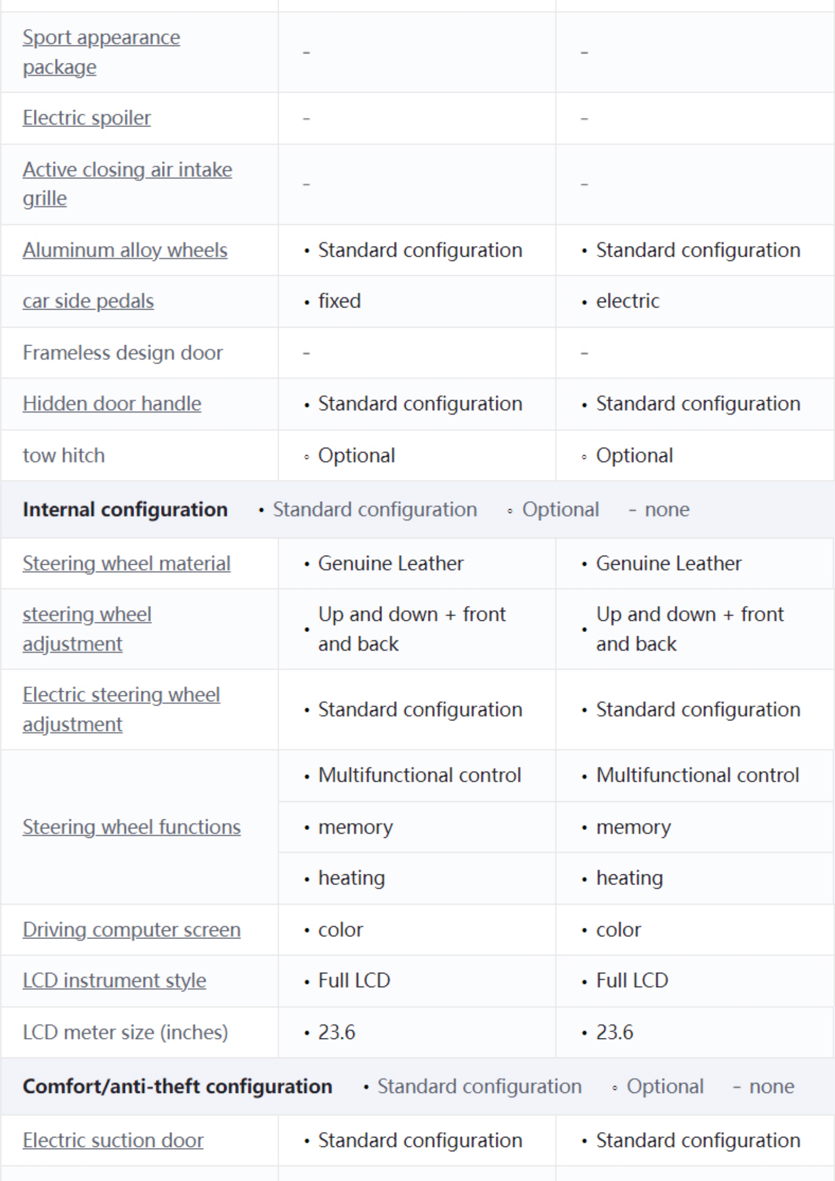
front airbag	• Driver's seat • Passenger seat	• Driver's seat • Passenger seat
side airbag	• front row • back row	• front row • back row
side curtain airbags	• Standard configuration	• Standard configuration
Front knee airbag	• Driver's seat	• Driver's seat
center airbag	-	-
Seat belt not fastened reminder	• Standard configuration	• Standard configuration
tire pressure monitoring system	• Tire pressure display	• Tire pressure display
Child seat interface (ISOFIX)	• Standard configuration	• Standard configuration
passive pedestrian protection	-	-
safety tires	-	-

Auxiliary/control configuration • Standard configuration ◦ Optional - none

parking radar	• forward • back	• forward • back
Warning when the vehicle ahead is leaving	-	-
Driving assistance images	• Reverse image • 360°panoramic image • transparent image	• Reverse image • 360°panoramic image • transparent image

cruise system	- cruise control	- cruise control
	- adaptive cruise	- adaptive cruise
	- Full speed adaptive cruise	- Full speed adaptive cruise
Automatic lane change assist	- Standard configuration	- Standard configuration
Automatic ramp exit (entry)	-	- Standard configuration
Assisted driving level	- L2 level	- L2 level
Automatic parking	-	- Standard configuration
Follow the trail and reverse	-	-
memory parking	-	-
Automatic parking (AUTOHOLD)	- Standard configuration	- Standard configuration
Hill Ascent Assist (HAC)	- Standard configuration	- Standard configuration
Hill Descent (HDC)	- Standard configuration	- Standard configuration
Engine start-stop technology	-	-
Variable suspension adjustment	- Soft and hard + high and low	- Soft and hard + high and low
air suspension	-	-
Electromagnetic induction suspension	-	-
variable steering ratio system	-	-
Front axle limited slip mode	-	-

Rear axle limited slip mode	-	-
Center differential locking function	-	-
low speed four wheel drive	-	-
Integral active steering system	-	-
Tank turns around	• Standard configuration	• Standard configuration
creep mode	• Standard configuration	• Standard configuration
Driving mode selection	• sports	• sports
	• off-road	• off-road
	• Snow	• Snow
	• personalise	-
	• ECO/Economy	• ECO/Economy
	• Standard comfort	• Standard comfort
brake energy recovery system	• Standard configuration	• Standard configuration
Low speed driving warning sound	• Standard configuration	• Standard configuration
Wading sensor system	• Standard configuration	• Standard configuration
External configuration	• Standard configuration ∘ Optional - none	
Skylight type	-	• Panoramic sunroof can be opened
Light-sensing awning	-	-
roof rack	• Standard configuration	-



Sport appearance package	-	-
Electric spoiler	-	-
Active closing air intake grille	-	-
Aluminum alloy wheels	• Standard configuration	• Standard configuration
car side pedals	• fixed	• electric
Frameless design door	-	-
Hidden door handle	• Standard configuration	• Standard configuration
tow hitch	◦ Optional	◦ Optional
Internal configuration	• Standard configuration ◦ Optional - none	
Steering wheel material	• Genuine Leather	• Genuine Leather
steering wheel adjustment	• Up and down + front and back	• Up and down + front and back
Electric steering wheel adjustment	• Standard configuration	• Standard configuration
Steering wheel functions	• Multifunctional control	• Multifunctional control
	• memory	• memory
	• heating	• heating
Driving computer screen	• color	• color
LCD instrument style	• Full LCD	• Full LCD
LCD meter size (inches)	• 23.6	• 23.6
Comfort/anti-theft configuration	• Standard configuration ◦ Optional - none	
Electric suction door	• Standard configuration	• Standard configuration

Electric tailgate	-	-
Sensing rear tailgate	-	-
Electric rear tailgate position memory	-	-
Engine electronic anti-theft	• Standard configuration	• Standard configuration
Central locking in car	• Standard configuration	• Standard configuration
Remote key type	• Smart remote key	• Smart remote key
	• mobile phone bluetooth key	• mobile phone bluetooth key
	• NFC/RFID key	• NFC/RFID key
	• UWB digital key	• UWB digital key
keyless entry	• whole car	• whole car
Keyless start	• Standard configuration	• Standard configuration
remote start	• Standard configuration	• Standard configuration
remote control mobile vehicle	-	• Standard configuration
Vehicle summoning function	-	-
Heads-up Display System (HUD)	• Standard configuration	• Standard configuration
HUD projection size (inches)	• 70	• 70
Augmented reality head-up display system (AR-HUD)	• Standard configuration	• Standard configuration
Built-in driving recorder	• Standard configuration	• Standard configuration

Original ETC	• Standard configuration	-
Active noise reduction	-	-
Mobile phone wireless charging	• Standard configuration Illustration	• Standard configuration Illustration
Maximum power of mobile phone wireless charging (W)	50	50
110V/220V/230V power socket	• Standard configuration	• Standard configuration
Luggage compartment 12V power interface	• Standard configuration	• Standard configuration

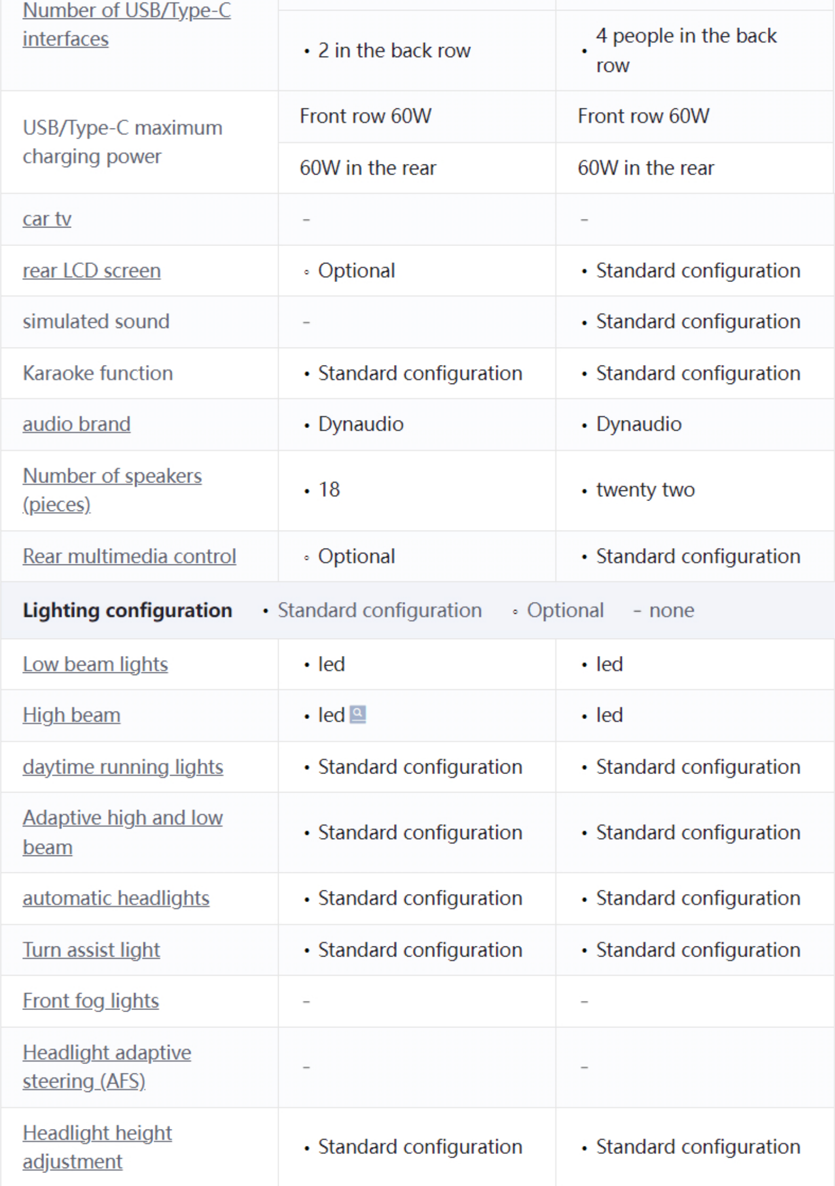
Seat configuration • Standard configuration ◦ Optional - none

seat material	• Leather/suede	• Genuine Leather
Seat leather style	-	• Nappa leather
Sports style seats	-	-
Seat layout	• 2+3	• 2+3
Second row independent seats	-	-
third row seats	-	-
Seat electric adjustment	• Driver's seat	• Driver's seat
	• Passenger seat	• Passenger seat
	• second row	• second row
Overall adjustment of driver's seat	• Move forward and backward	• Move forward and backward
	• Backrest angle	• Backrest angle
	• Height adjustment	• Height adjustment

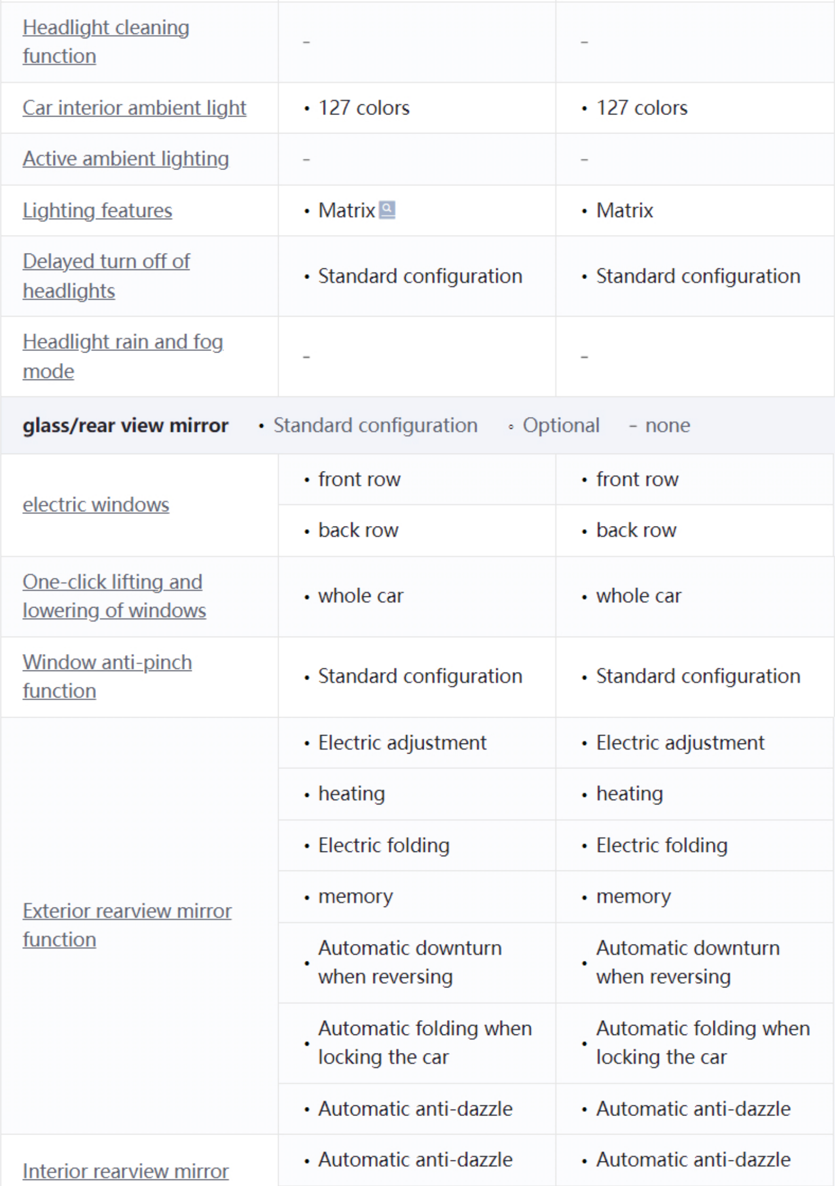
Driver's seat partial adjustment	• headrest	• headrest
	• waist	• waist
	• Leg rest	• Leg rest
Overall adjustment of passenger seat	• Move forward and backward	• Move forward and backward
	• Height adjustment	• Height adjustment
	• Backrest angle	• Backrest angle
Passenger seat partial adjustment	• headrest	• headrest
	• waist	• waist
	• Leg rest	• Leg rest
Second row seat overall adjustment	• Backrest angle adjustment	• Backrest angle adjustment
Partial adjustment of second row seats	◦ Leg rest	• Leg rest
	◦ waist	• waist
Front seat functions	• heating	• heating
	• ventilation	• ventilation
	• memory	• memory
	• massage	• massage
Second row seat functions	• heating	• heating
	• memory	• memory
	• ventilation	• ventilation
	◦ massage	• massage
Third row seat functions	-	-
Boss button	• Standard configuration	• Standard configuration

Front/rear armrests	• front row • back row	• front row • back row
Rear cup holder	• Standard configuration	• Standard configuration
Heated/cooled cup holder	-	-
Rear seat folding ratio	• 40:60	• 40:60
Electrically reclining rear seats	• Standard configuration	• Standard configuration
Second row small table	-	-
Intelligent Internet	• Standard configuration ◦ Optional - none	
Central control screen size (inches)	• 12.8	• 12.8
Passenger screen size (inches)	• 23.6	• 23.6
Touch screen vibration feedback	-	-
GPS navigation system	• Standard configuration	• Standard configuration
AR real-life navigation	-	-
Navigation traffic information display	• Standard configuration	• Standard configuration
roadside assistance service	• Standard configuration	• Standard configuration
Bluetooth/car phone	• Standard configuration	• Standard configuration
Mobile Internet Mapping	-	-
Internet of Vehicles	• Standard configuration	• Standard configuration
4G/5G network	• 5G	• 5G
OTA upgrade	• Standard configuration	• Standard configuration

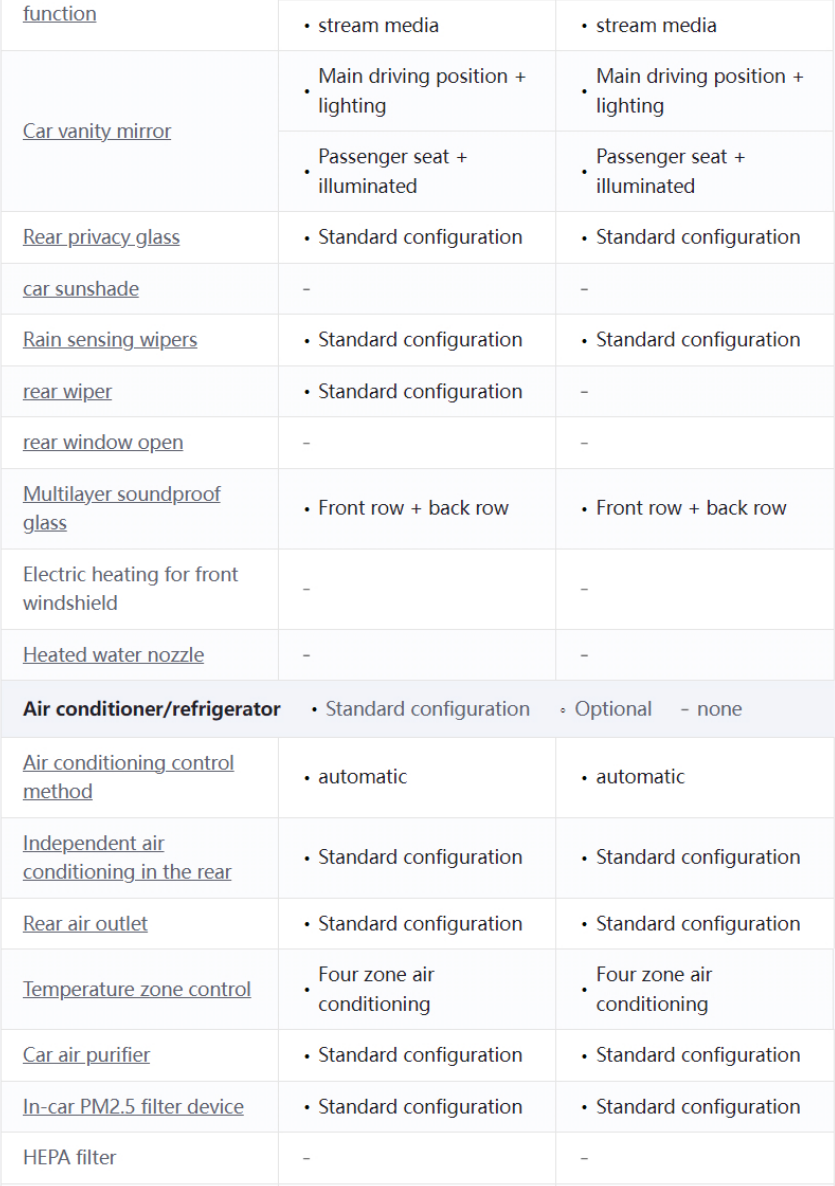
face recognition	• Standard configuration	• Standard configuration
Fingerprint recognition	-	-
Voiceprint recognition	-	-
emotion recognition	-	-
Voice recognition control system	• Standard configuration	• Standard configuration
Voice wake-up-free function	• Standard configuration	• Standard configuration
Voice area wake-up recognition function	• main driver	• main driver
	• co-pilot	• co-pilot
	• second row	• second row
continuous speech recognition	• Standard configuration	• Standard configuration
It can be said that it is visible	• Standard configuration	• Standard configuration
Voice assistant wake word	Hello look up to	Hello look up to
Gesture control function	• Standard configuration	• Standard configuration
Wi-Fi hotspot	• Standard configuration	• Standard configuration
Media entertainment	• Standard configuration ∘ Optional - none	
Multi-finger flying screen control	• Standard configuration	• Standard configuration
app Store	• Standard configuration	• Standard configuration
multimedia interface	• SD card slot	• SD card slot
	• USB/Type-C	• USB/Type-C
	• 4 in the front row	• 4 in the front row



Number of USB/Type-C interfaces	• 2 in the back row	• 4 people in the back row
USB/Type-C maximum charging power	Front row 60W 60W in the rear	Front row 60W 60W in the rear
car tv	-	-
rear LCD screen	◦ Optional	• Standard configuration
simulated sound	-	• Standard configuration
Karaoke function	• Standard configuration	• Standard configuration
audio brand	• Dynaudio	• Dynaudio
Number of speakers (pieces)	• 18	• twenty two
Rear multimedia control	◦ Optional	• Standard configuration
Lighting configuration	• Standard configuration ◦ Optional - none	
Low beam lights	• led	• led
High beam	• led	• led
daytime running lights	• Standard configuration	• Standard configuration
Adaptive high and low beam	• Standard configuration	• Standard configuration
automatic headlights	• Standard configuration	• Standard configuration
Turn assist light	• Standard configuration	• Standard configuration
Front fog lights	-	-
Headlight adaptive steering (AFS)	-	-
Headlight height adjustment	• Standard configuration	• Standard configuration



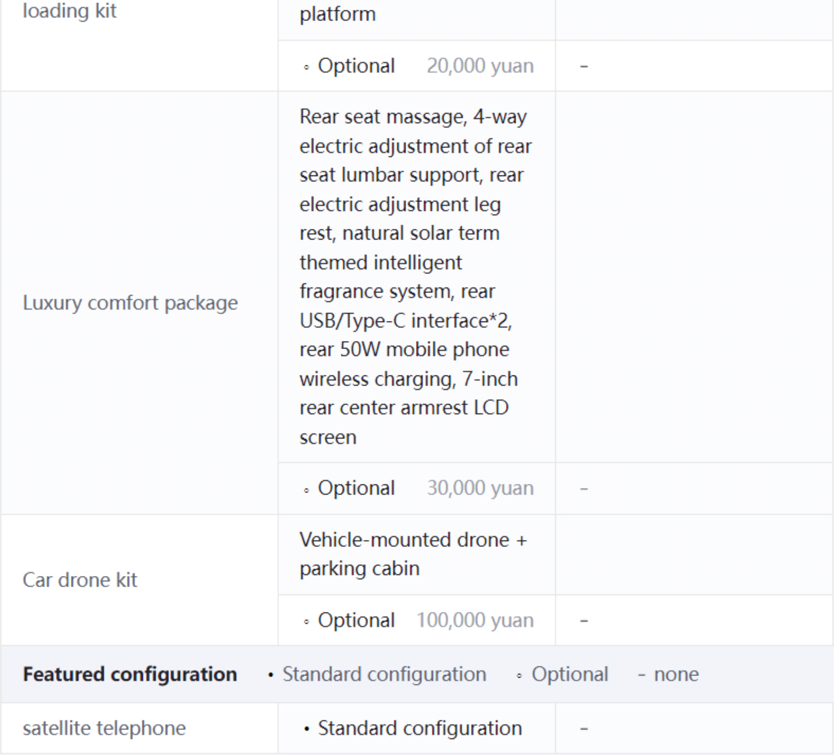
Headlight cleaning function	-	-
Car interior ambient light	• 127 colors	• 127 colors
Active ambient lighting	-	-
Lighting features	• Matrix	• Matrix
Delayed turn off of headlights	• Standard configuration	• Standard configuration
Headlight rain and fog mode	-	-
glass/rear view mirror	• Standard configuration ∘ Optional - none	
electric windows	• front row	• front row
	• back row	• back row
One-click lifting and lowering of windows	• whole car	• whole car
Window anti-pinch function	• Standard configuration	• Standard configuration
Exterior rearview mirror function	• Electric adjustment	• Electric adjustment
	• heating	• heating
	• Electric folding	• Electric folding
	• memory	• memory
	• Automatic downturn when reversing	• Automatic downturn when reversing
	• Automatic folding when locking the car	• Automatic folding when locking the car
	• Automatic anti-dazzle	• Automatic anti-dazzle
Interior rearview mirror	• Automatic anti-dazzle	• Automatic anti-dazzle



function	• stream media	• stream media
Car vanity mirror	• Main driving position + lighting	• Main driving position + lighting
	• Passenger seat + illuminated	• Passenger seat + illuminated
Rear privacy glass	• Standard configuration	• Standard configuration
car sunshade	-	-
Rain sensing wipers	• Standard configuration	• Standard configuration
rear wiper	• Standard configuration	-
rear window open	-	-
Multilayer soundproof glass	• Front row + back row	• Front row + back row
Electric heating for front windshield	-	-
Heated water nozzle	-	-
Air conditioner/refrigerator	• Standard configuration ◦ Optional - none	
Air conditioning control method	• automatic	• automatic
Independent air conditioning in the rear	• Standard configuration	• Standard configuration
Rear air outlet	• Standard configuration	• Standard configuration
Temperature zone control	• Four zone air conditioning	• Four zone air conditioning
Car air purifier	• Standard configuration	• Standard configuration
In-car PM2.5 filter device	• Standard configuration	• Standard configuration
HEPA filter	-	-

negative ion generator	• Standard configuration	• Standard configuration
Car fragrance device	◦ Optional	• Standard configuration
car refrigerator	• Standard configuration	• Standard configuration
Intelligent configuration		
Assisted driving chip	• NVIDIA DRIVE Orin	-
	-	• NVIDIA DRIVE Orin*2
Assisted driving chip computing power (TOPS)	• 254	-
	-	• 508
Vehicle intelligent system	• DiLink	• DiLink
Vehicle smart chip	• Snapdragon 8 Gen1 plus	• Snapdragon 8 Gen1 plus
Vehicle system memory (GB)	• 16	• 16
Vehicle system storage (GB)	• 512	• 512
Mobile App remote control	• digital key	• digital key
	• vehicle monitoring	• vehicle monitoring
	• remote control	• remote control
	• Charging management	• Charging management
	• Service appointment	• Service appointment
heat pump management system	• Standard configuration	• Standard configuration
Number of cameras outside the car (number)	• 8	• 13
Car exterior camera pixels	-	-

Number of cameras in the car (number)	• 2	-
	-	• 4
Car camera pixels	-	-
Number of ultrasonic radars (units)	• 10	• 14
Millimeter wave radar quantity (units)	-	• 5
LiDAR quantity (units)	-	• 3
Lidar brand	-	Sagitar Juchuang
Number of lidar lines (lines)	-	• 96
Submeter-level high-precision positioning system	-	-
High-precision map	-	-
Sentinel (clairvoyance) mode	• Standard configuration	• Standard configuration
V2X communication	-	-
Optional package	• Standard configuration ◦ Optional - none	
Customized options	Four optional packages are available: exterior, interior, wheels, and brakes.	Optional exterior, interior, wheels, brakes
Towing kit	Tow hook power interface + mechanical tow hook	
	◦ Optional 8,000 yuan	-
	Roof luggage rack + side ladder + side tool	



loading kit	platform	
	◦ Optional 20,000 yuan	-
Luxury comfort package	Rear seat massage, 4-way electric adjustment of rear seat lumbar support, rear electric adjustment leg rest, natural solar term themed intelligent fragrance system, rear USB/Type-C interface*2, rear 50W mobile phone wireless charging, 7-inch rear center armrest LCD screen	
	◦ Optional 30,000 yuan	-
Car drone kit	Vehicle-mounted drone + parking cabin	
	◦ Optional 100,000 yuan	-
Featured configuration	• Standard configuration ◦ Optional - none	
satellite telephone	• Standard configuration	-