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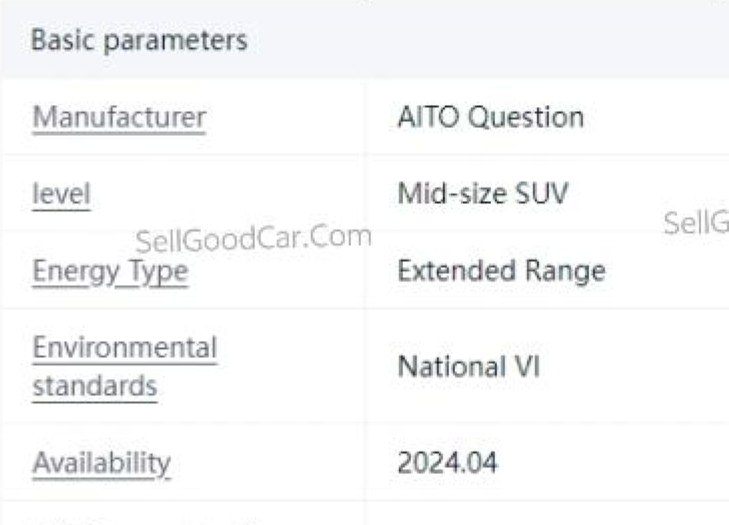
HUAWEI AITO M5 4WD



Basic parameters	
Manufacturer	AITO Question
level	Mid-size SUV
Energy Type	Extended Range
Environmental standards	National VI
Availability	2024.04

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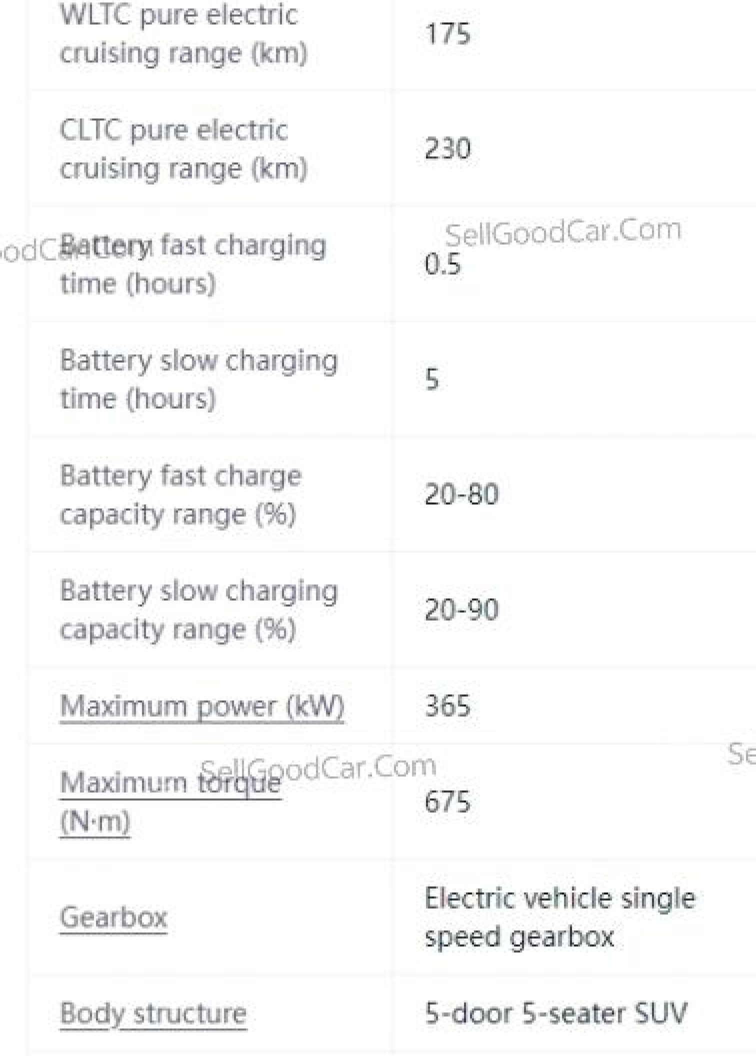

WLTC pure electric cruising range (km)	175
CLTC pure electric cruising range (km)	230
Battery fast charging time (hours)	0.5
Battery slow charging time (hours)	5
Battery fast charge capacity range (%)	20-80
Battery slow charging capacity range (%)	20-90
Maximum power (kW)	365
Maximum torque (N·m)	675
Gearbox	Electric vehicle single speed gearbox
Body structure	5-door 5-seater SUV

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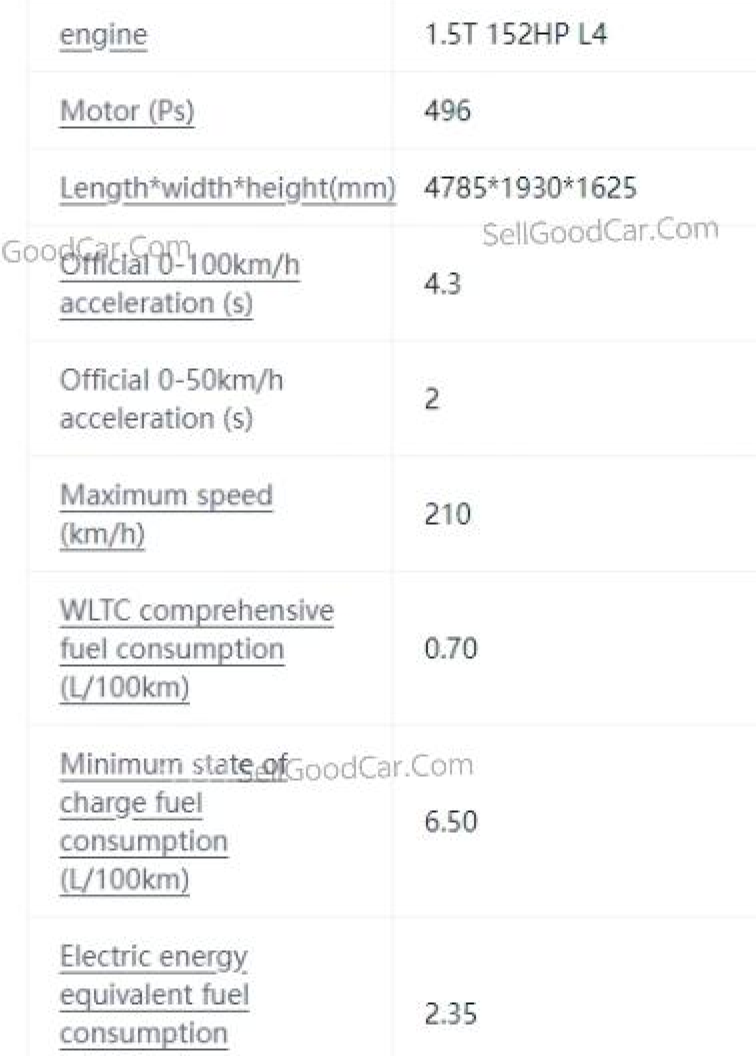

engine	1.5T 152HP L4
Motor (Ps)	496
Length*width*height(mm)	4785*1930*1625
Official 0-100km/h acceleration (s)	4.3
Official 0-50km/h acceleration (s)	2
Maximum speed (km/h)	210
WLTC comprehensive fuel consumption (L/100km)	0.70
Minimum state of charge fuel consumption (L/100km)	6.50
Electric energy equivalent fuel consumption	2.35

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(L/100km)	
Vehicle warranty	- Four years or 100,000 km
Curb weight(kg)	2335
Maximum full load mass (kg)	2710
Body	
Length(mm)	4785
Width(mm)	1930
Height(mm)	1625
Wheelbase(mm)	2880
Front wheel track (mm)	1655
Rear track (mm)	1650
Minimum ground clearance when fully loaded (mm)	150

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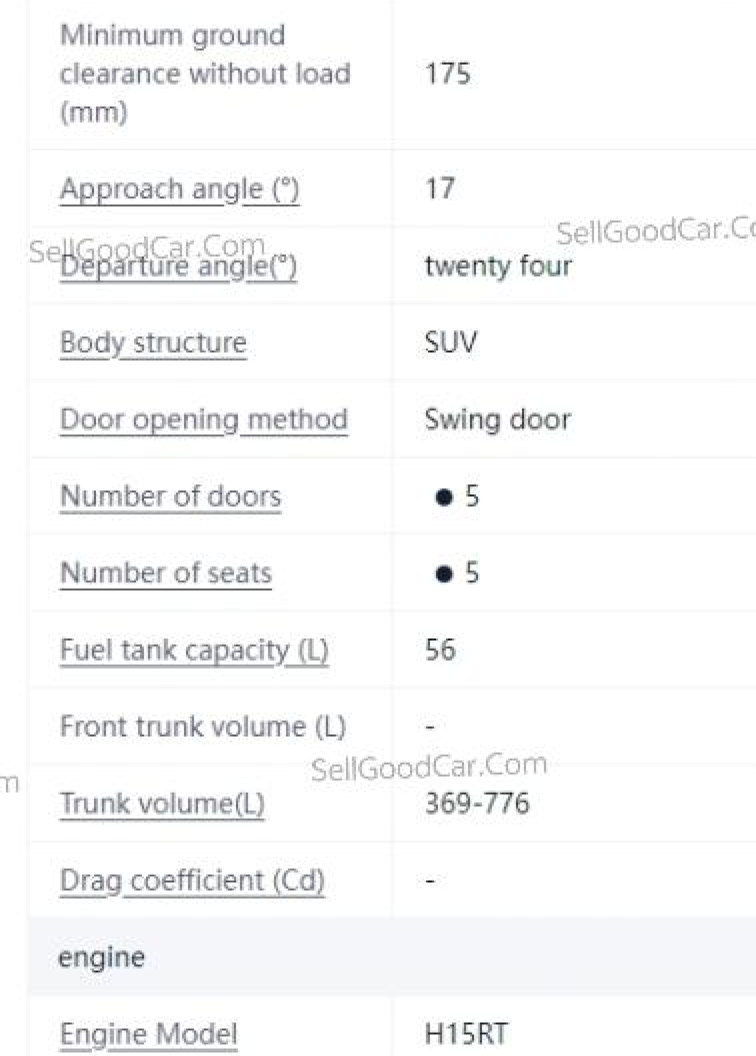

Minimum ground clearance without load (mm)	175
Approach angle (°)	17
Departure angle(°)	twenty four
Body structure	SUV
Door opening method	Swing door
Number of doors	● 5
Number of seats	● 5
Fuel tank capacity (L)	56
Front trunk volume (L)	-
Trunk volume(L)	369-776
Drag coefficient (Cd)	-
engine	
Engine Model	H15RT

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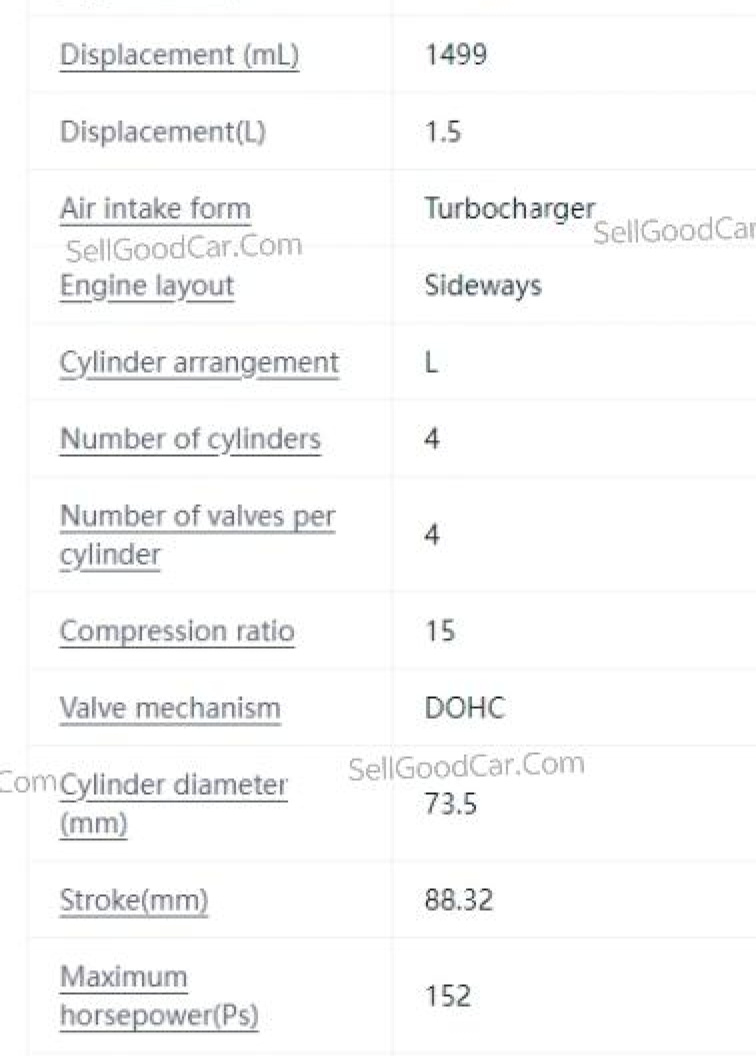

Displacement (mL)	1499
Displacement(L)	1.5
Air intake form	Turbocharger
Engine layout	Sideways
Cylinder arrangement	L
Number of cylinders	4
Number of valves per cylinder	4
Compression ratio	15
Valve mechanism	DOHC
Cylinder diameter (mm)	73.5
Stroke(mm)	88.32
Maximum horsepower(Ps)	152

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Maximum power (kW)	112
Maximum power speed (rpm)	-
Maximum torque (N·m)	216
Maximum torque speed (rpm)	-
Maximum net power (kW)	110
Energy Type	Extended Range
Fuel grade	No. 95
Oil supply method	Multi-point EFI
Cylinder head material	Aluminum Alloy
Cylinder material	Aluminum Alloy
Environmental standards	National VI

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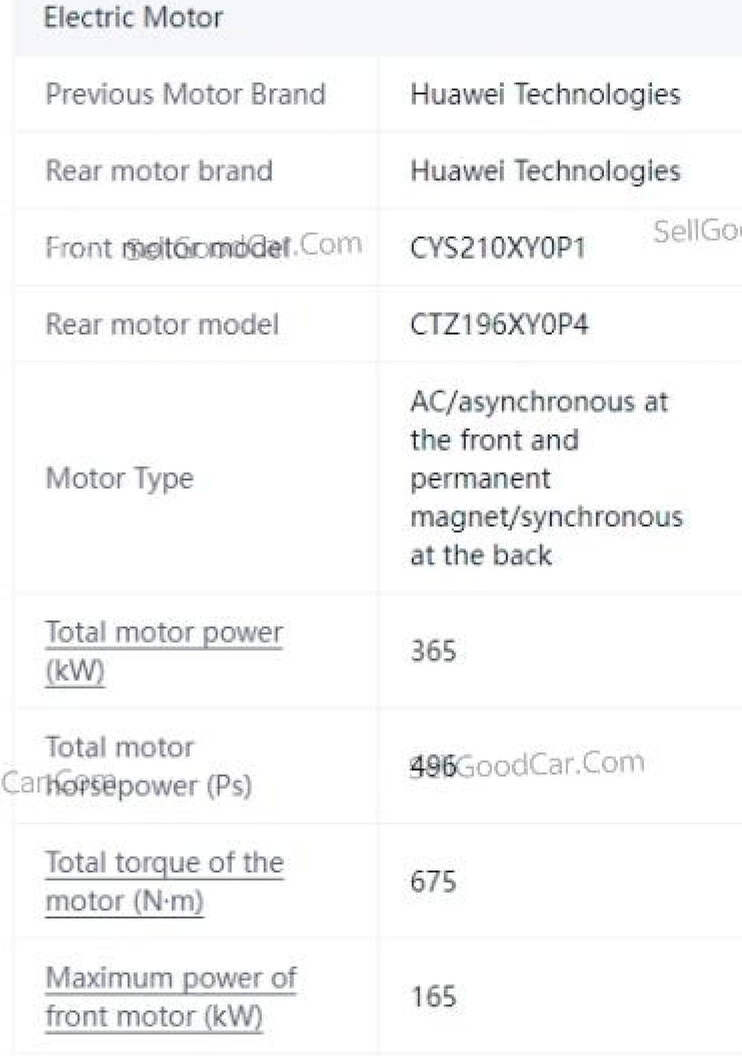

Electric Motor

Previous Motor Brand	Huawei Technologies
Rear motor brand	Huawei Technologies
Front motor model	CYS210XY0P1
Rear motor model	CTZ196XY0P4
Motor Type	AC/asynchronous at the front and permanent magnet/synchronous at the back
Total motor power (kW)	365
Total motor horsepower (Ps)	496
Total torque of the motor (N·m)	675
Maximum power of front motor (kW)	165

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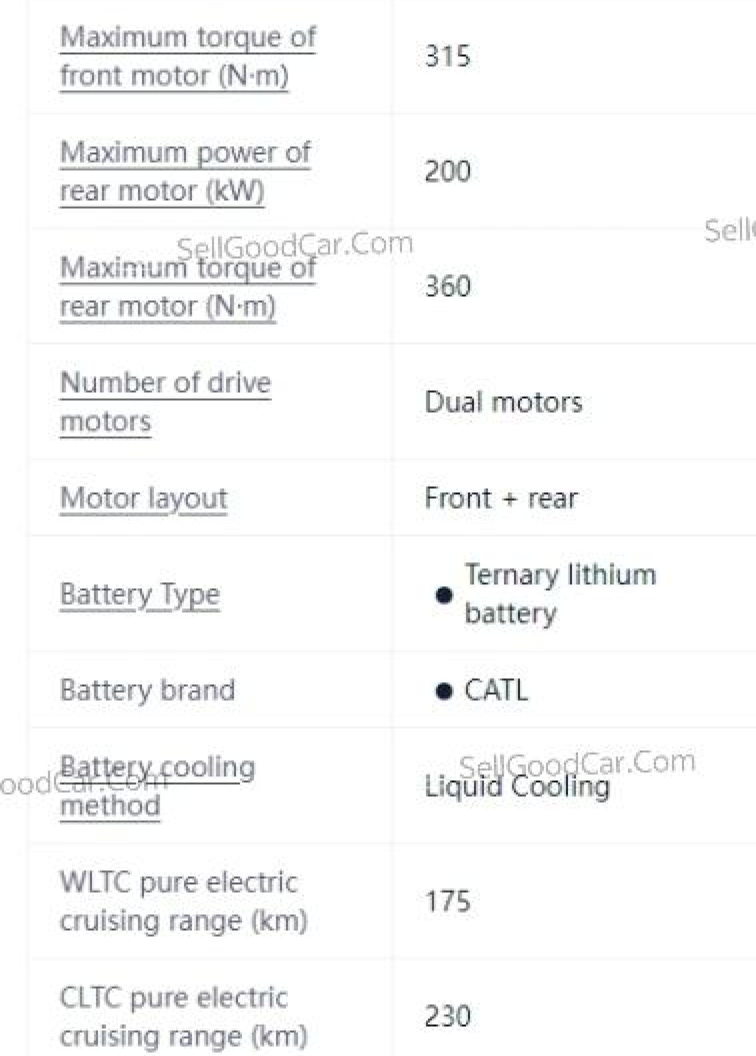

Maximum torque of front motor (N·m)	315
Maximum power of rear motor (kW)	200
Maximum torque of rear motor (N·m)	360
Number of drive motors	Dual motors
Motor layout	Front + rear
Battery Type	● Ternary lithium battery
Battery brand	● CATL
Battery cooling method	Liquid Cooling
WLTC pure electric cruising range (km)	175
CLTC pure electric cruising range (km)	230

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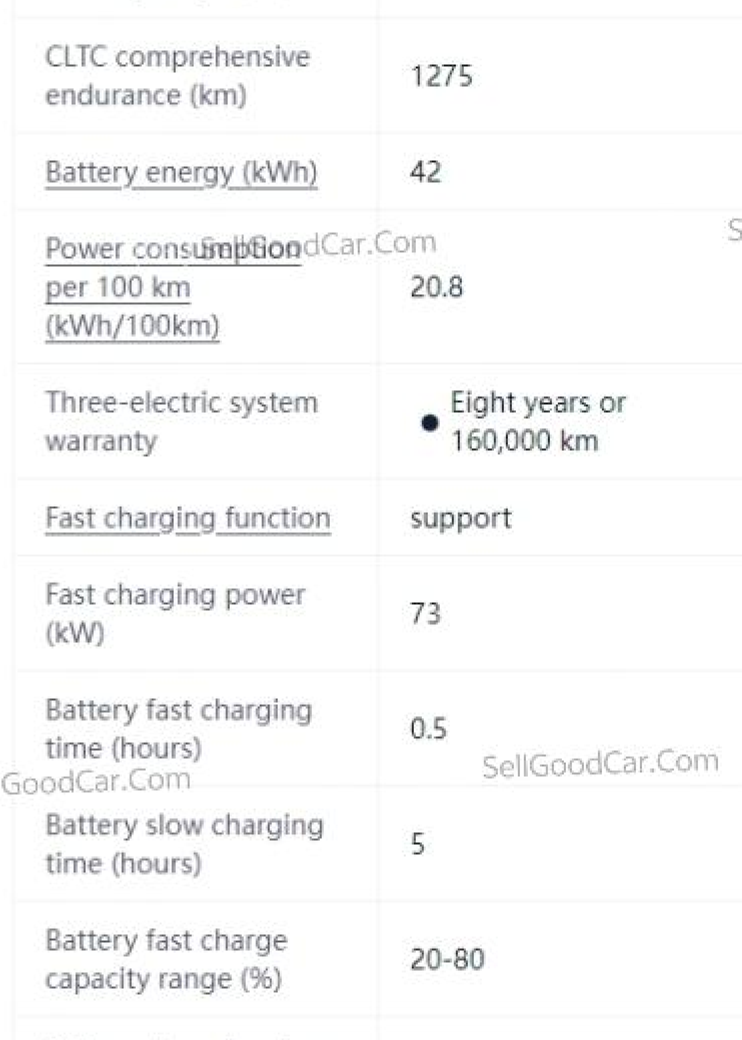

CLTC comprehensive endurance (km)	1275
Battery energy (kWh)	42
Power consumption per 100 km (kWh/100km)	20.8
Three-electric system warranty	● Eight years or 160,000 km
Fast charging function	support
Fast charging power (kW)	73
Battery fast charging time (hours)	0.5
Battery slow charging time (hours)	5
Battery fast charge capacity range (%)	20-80

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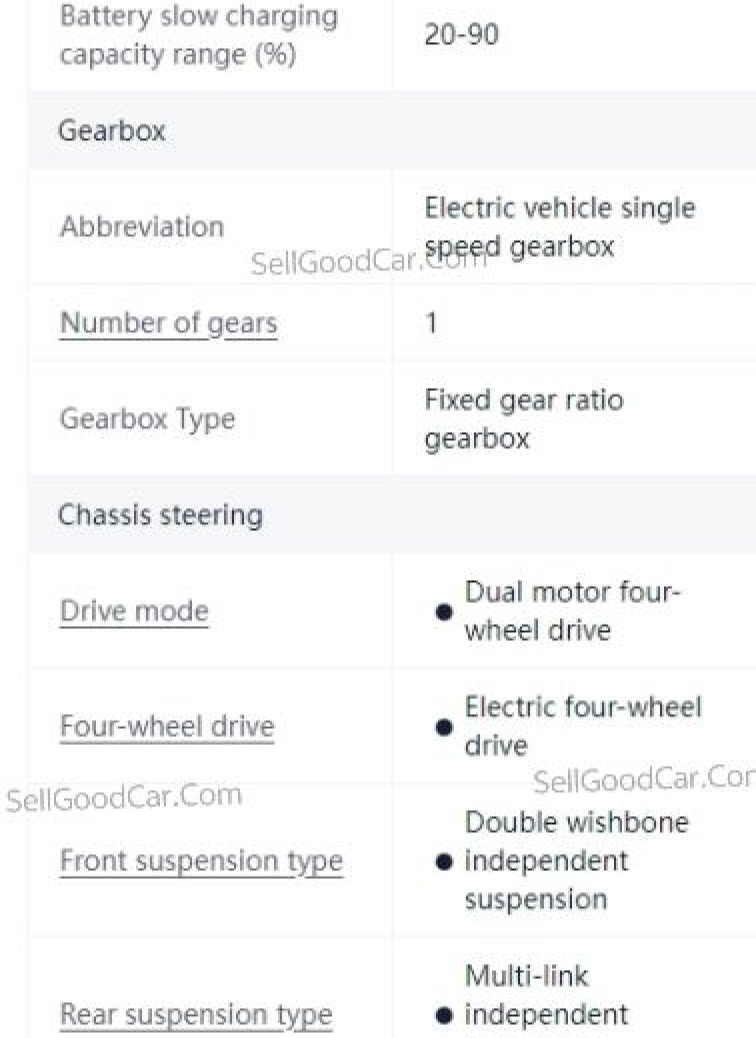

Battery slow charging capacity range (%)	20-90
Gearbox	
Abbreviation	Electric vehicle single speed gearbox
Number of gears	1
Gearbox Type	Fixed gear ratio gearbox
Chassis steering	
Drive mode	● Dual motor four-wheel drive
Four-wheel drive	● Electric four-wheel drive
Front suspension type	● Double wishbone independent suspension
Rear suspension type	● Multi-link independent

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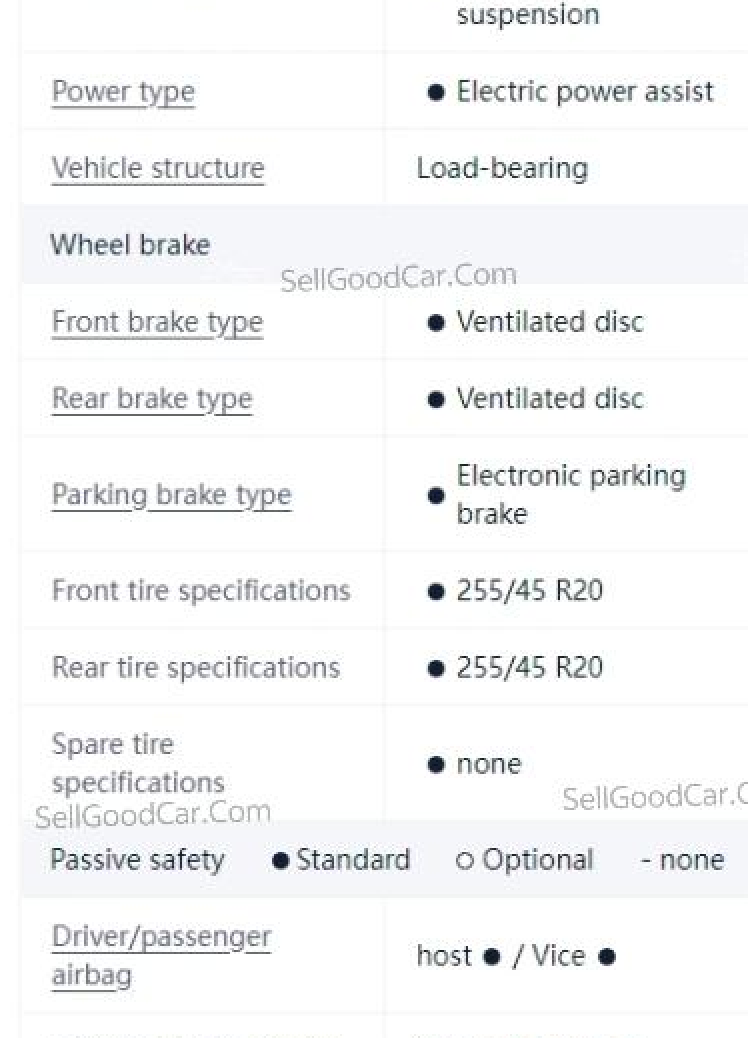

	suspension
Power type	● Electric power assist
Vehicle structure	Load-bearing
Wheel brake	
Front brake type	● Ventilated disc
Rear brake type	● Ventilated disc
Parking brake type	● Electronic parking brake
Front tire specifications	● 255/45 R20
Rear tire specifications	● 255/45 R20
Spare tire specifications	● none
Passive safety ● Standard ○ Optional - none	
Driver/passenger airbag	host ● / Vice ●

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Front/rear side airbags	forward ● / back-
Front/rear head airbags (curtain airbags)	forward ● / back ●
Active safety	● Standard ○ Optional - none
ABS anti-lock braking system	●
Braking force distribution (EBD/CBC, etc.)	●
Brake assist (EBA/BAS/BA, etc.)	●
Traction control (ASR/TCS/TRC, etc.)	●
Vehicle stability control (ESC/ESP/DSC, etc.)	●
Tire pressure monitoring function	● Tire pressure display

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Seat belt not fastened reminder	● Full vehicle
ISOFIX child seat interface	●
Lane Departure Warning System	●
Active braking/active safety systems	●
Fatigue driving tips	●
DOW door opening warning	●
Forward Collision Warning	●
Rear Collision Warning	●
Sentry Mode/Clairvoyance	●
Low speed warning	●

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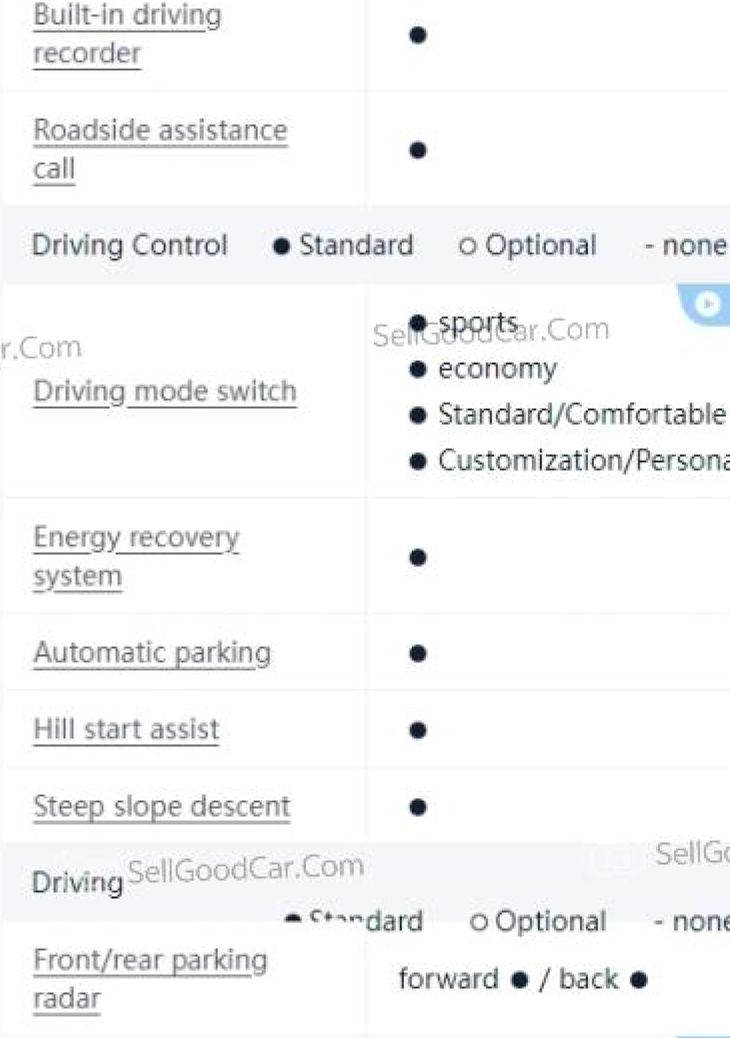

Built-in driving recorder	●
Roadside assistance call	●
Driving Control	● Standard ○ Optional - none
Driving mode switch	● sports ● economy ● Standard/Comfortable ● Customization/Persona
Energy recovery system	●
Automatic parking	●
Hill start assist	●
Steep slope descent	●
Driving	● Standard ○ Optional - non
Front/rear parking radar	forward ● / back ●

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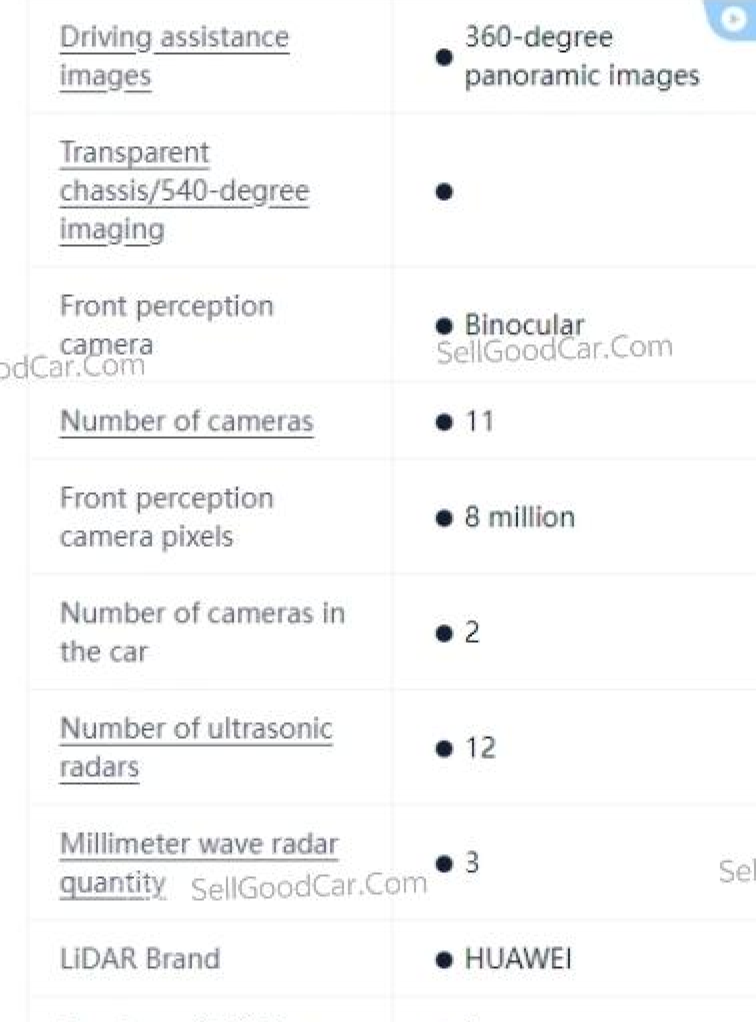

Driving assistance images	● 360-degree panoramic images
Transparent chassis/540-degree imaging	●
Front perception camera	● Binocular
Number of cameras	● 11
Front perception camera pixels	● 8 million
Number of cameras in the car	● 2
Number of ultrasonic radars	● 12
Millimeter wave radar quantity	● 3
LiDAR Brand	● HUAWEI

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Number of LiDARs	● 1
Laser radar line number	● 126 lines
Maximum detection distance ahead	● 200 meters

Driving

● Standard ○ Optional - none

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Cruise control system	● Full-speed adaptive cruise control
Driver Assistance Systems	● HUAWEI ADS
Driving assistance level	● L2
Reverse side warning system	●
Satellite navigation system	●
Navigation traffic information display	●

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Lane assist	●
Lane Keeping Assist System	●
Lane centering	●
Road traffic sign recognition	●
Automatic parking	●
Remote control parking	●
Memory Parking	○
Tracking reverse	●
Automatic Lane Change Assist	●
Automatic exit/entry of ramp	●
Traffic light recognition	●

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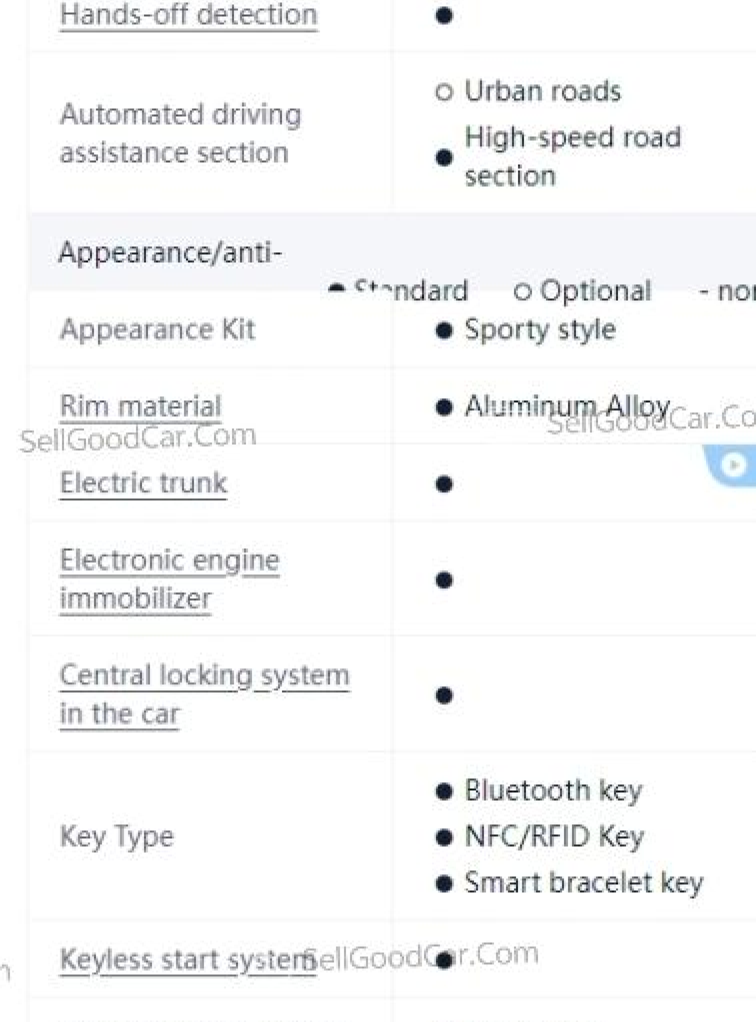

Hands-off detection	●
Automated driving assistance section	○ Urban roads ● High-speed road section
Appearance/anti-	
Appearance Kit	● Sporty style
Rim material	● Aluminum Alloy
Electric trunk	●
Electronic engine immobilizer	●
Central locking system in the car	●
Key Type	● Bluetooth key ● NFC/RFID Key ● Smart bracelet key
Keyless start system	●

● Standard ○ Optional - no

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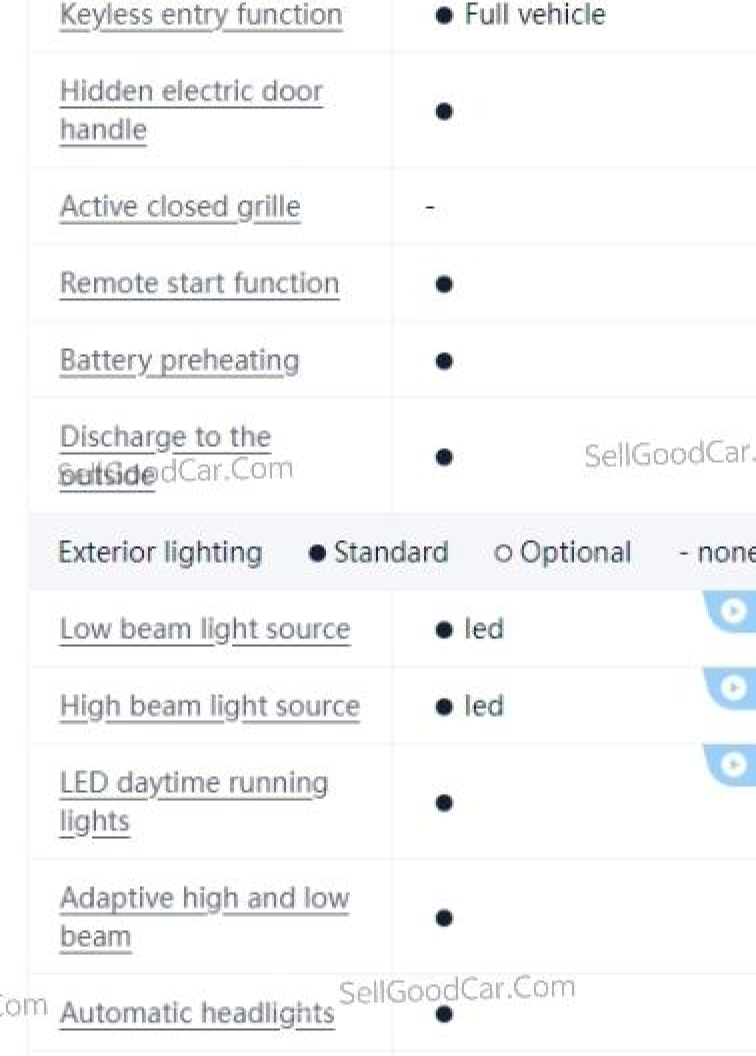

Keyless entry function	● Full vehicle
Hidden electric door handle	●
Active closed grille	-
Remote start function	●
Battery preheating	●
Discharge to the outside	●
Exterior lighting	● Standard ○ Optional - none
Low beam light source	● led
High beam light source	● led
LED daytime running lights	●
Adaptive high and low beam	●
Automatic headlights	●

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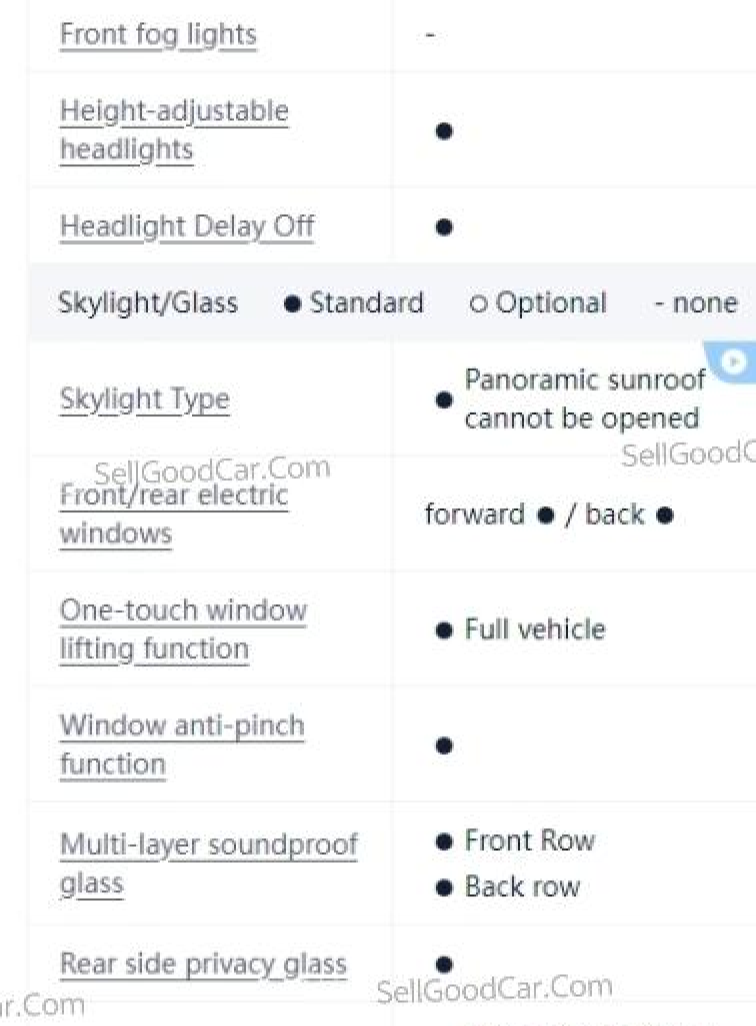

Front fog lights	-
Height-adjustable headlights	●
Headlight Delay Off	●
Skylight/Glass	● Standard ○ Optional - none
Skylight Type	● Panoramic sunroof cannot be opened
Front/rear electric windows	forward ● / back ●
One-touch window lifting function	● Full vehicle
Window anti-pinch function	●
Multi-layer soundproof glass	● Front Row ● Back row
Rear side privacy glass	●

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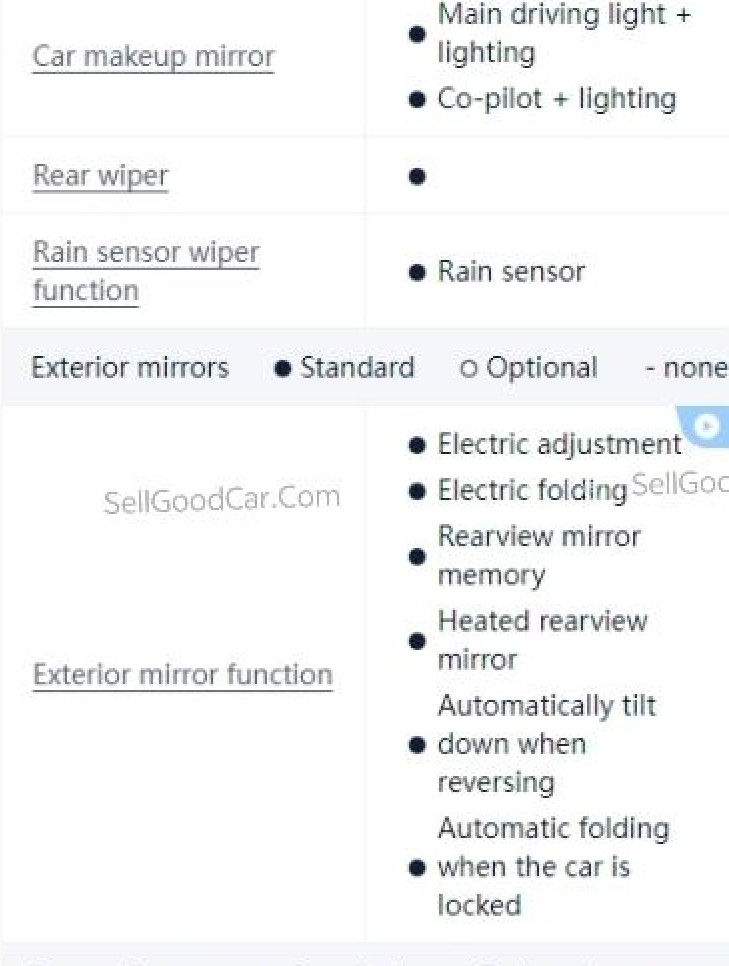

Car makeup mirror	● Main driving light + lighting ● Co-pilot + lighting
Rear wiper	●
Rain sensor wiper function	● Rain sensor

Exterior mirrors ● Standard ○ Optional - none

Exterior mirror function	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Heated rearview mirror ● Automatically tilt down when reversing ● Automatic folding when the car is locked

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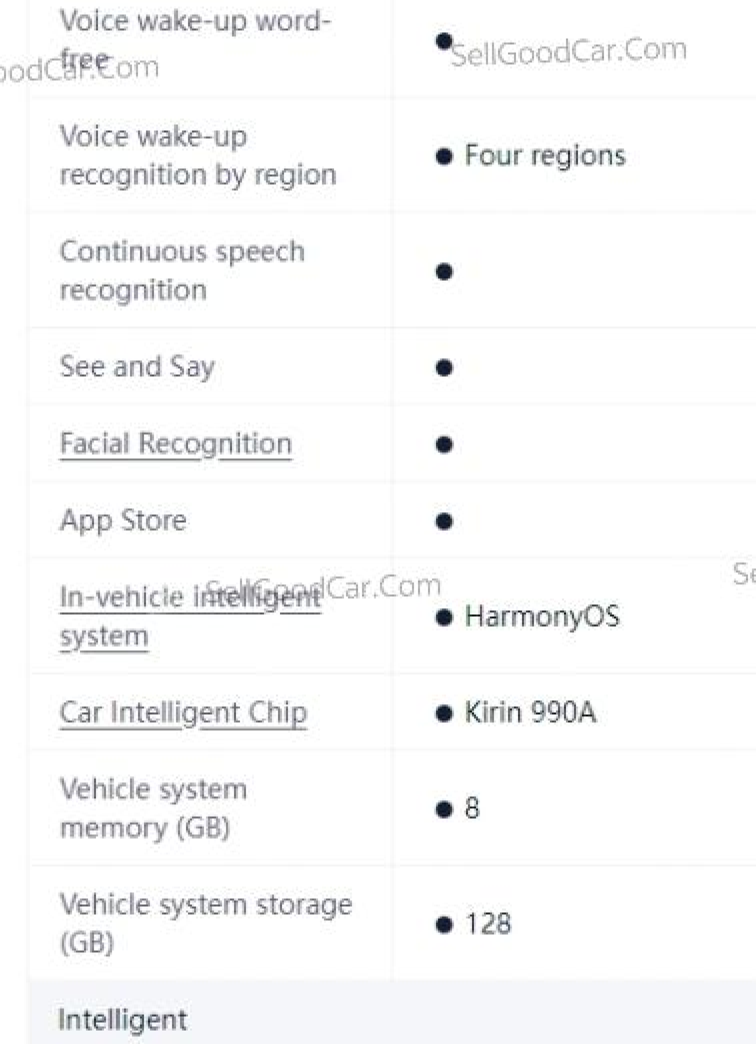
Screen/System	● Standard ○ Optional - none
Central control color screen	● Touch LCD screen
Central control screen size	● 15.6 inches
Central control screen type	● LCD
Central control screen resolution	● 1920x1080
Bluetooth/Car Phone	●
Mobile phone interconnection/mapping	● Factory interconnection/mappi
Voice recognition control system	● Multimedia System ● navigation ● Telephone ● air conditioner
Voice assistant wake-up word	● Xiaoyi Xiaoyi



Voice wake-up word-free	●
Voice wake-up recognition by region	● Four regions
Continuous speech recognition	●
See and Say	●
Facial Recognition	●
App Store	●
In-vehicle Intelligent system	● HarmonyOS
Car Intelligent Chip	● Kirin 990A
Vehicle system memory (GB)	● 8
Vehicle system storage (GB)	● 128

Intelligent

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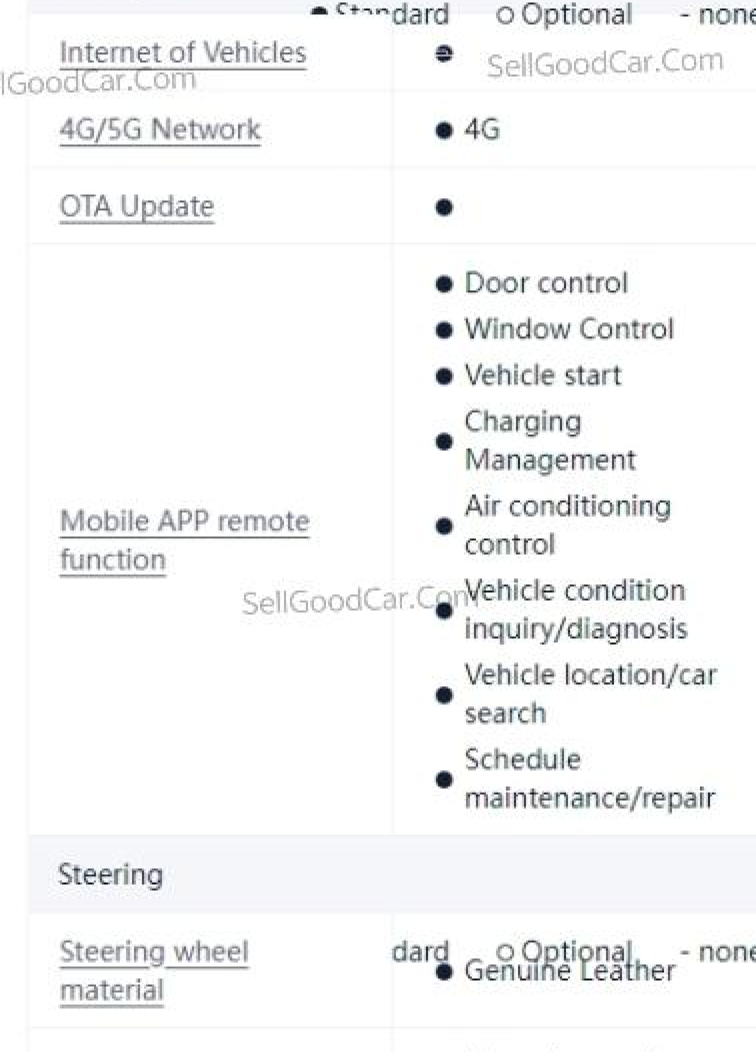

● Standard ○ Optional - none

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Internet of Vehicles	●
4G/5G Network	● 4G
OTA Update	●
Mobile APP remote function	● Door control ● Window Control ● Vehicle start ● Charging Management ● Air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle location/car search ● Schedule maintenance/repair
Steering	
Steering wheel material	● Genuine Leather

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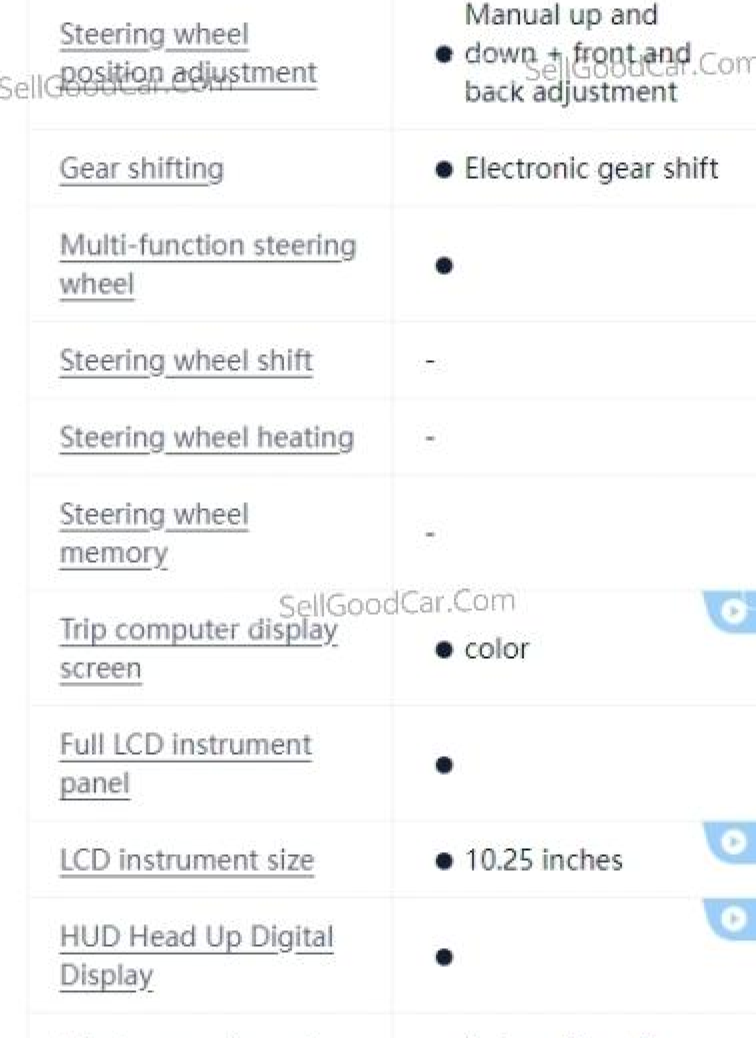
dard ○ Optional - none



Steering wheel position adjustment	● Manual up and down + front and back adjustment
Gear shifting	● Electronic gear shift
Multi-function steering wheel	●
Steering wheel shift	-
Steering wheel heating	-
Steering wheel memory	-
Trip computer display screen	● color
Full LCD instrument panel	●
LCD instrument size	● 10.25 inches
HUD Head Up Digital Display	●

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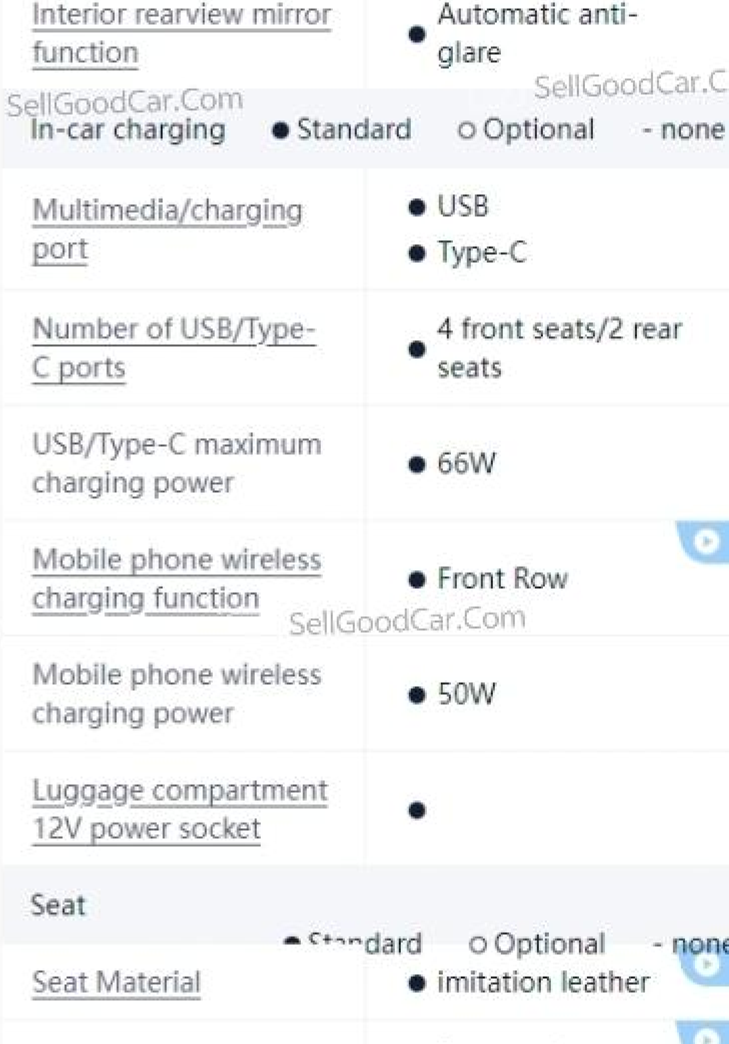

Interior rearview mirror function	● Automatic anti-glare
In-car charging	● Standard ○ Optional - none
Multimedia/charging port	● USB ● Type-C
Number of USB/Type-C ports	● 4 front seats/2 rear seats
USB/Type-C maximum charging power	● 66W
Mobile phone wireless charging function	● Front Row
Mobile phone wireless charging power	● 50W
Luggage compartment 12V power socket	●
Seat	● Standard ○ Optional - none
Seat Material	● imitation leather

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Main seat adjustment	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Lumbar support (4-way)
Co-seat adjustment method	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Lumbar support (4-way)
Electric adjustment of driver's seat and passenger seat	host ● / Vice ●
Front seat functions	● heating ● ventilation ● massage ● Headrest speakers (driver seat only)

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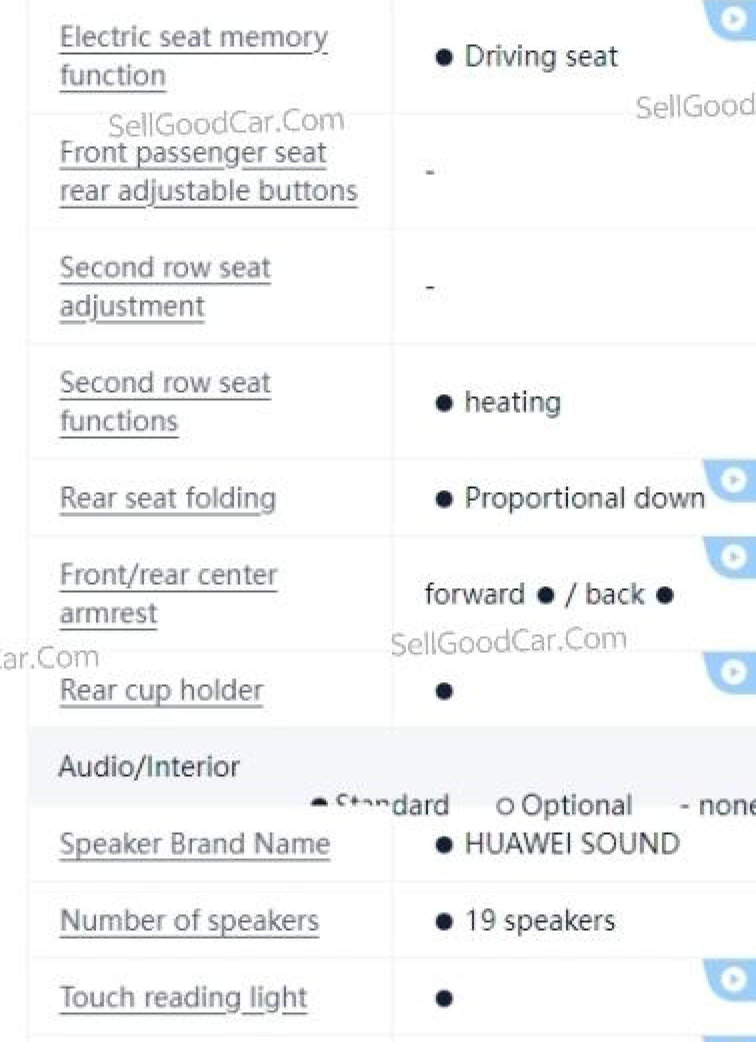

Electric seat memory function	● Driving seat
Front passenger seat rear adjustable buttons	-
Second row seat adjustment	-
Second row seat functions	● heating
Rear seat folding	● Proportional down
Front/rear center armrest	forward ● / back ●
Rear cup holder	●
Audio/Interior	
Speaker Brand Name	● HUAWEI SOUND
Number of speakers	● 19 speakers
Touch reading light	●

● Standard ○ Optional - none

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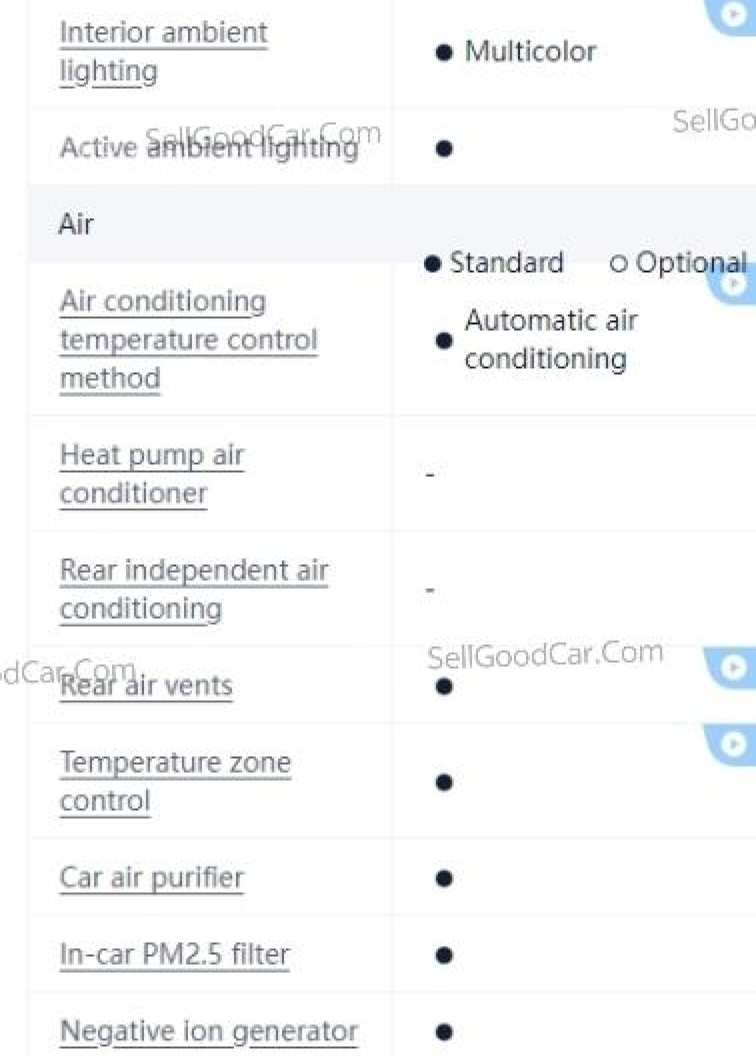

Interior ambient lighting	● Multicolor
Active ambient lighting	●

Air

● Standard ○ Optional

Air conditioning temperature control method	● Automatic air conditioning
Heat pump air conditioner	-
Rear independent air conditioning	-
Rear air vents	●
Temperature zone control	●
Car air purifier	●
In-car PM2.5 filter	●
Negative Ion generator	●

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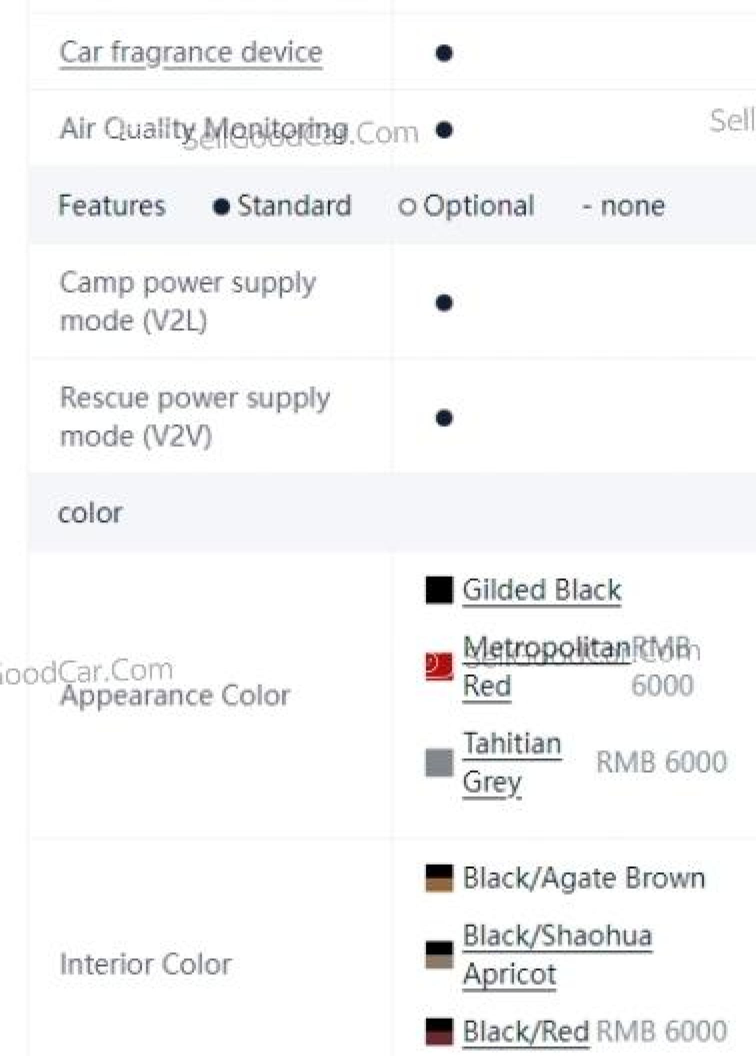

Car fragrance device	●
Air Quality Monitoring	●
Features ● Standard ○ Optional - none	
Camp power supply mode (V2L)	●
Rescue power supply mode (V2V)	●
color	
Appearance Color	■ Gilded Black ■ Metropolitan Red RMB 6000 ■ Tahitian Grey RMB 6000
Interior Color	■ Black/Agate Brown ■ Black/Shaohua Apricot ■ Black/Red RMB 6000

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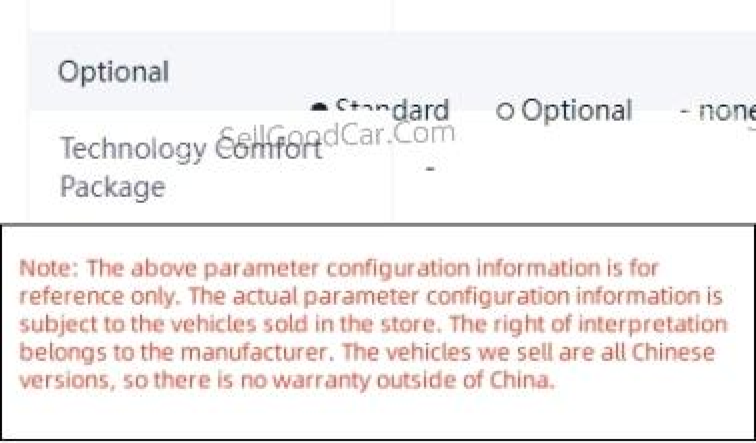

Optional

● Standard ○ Optional - none

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Technology Comfort Package	-

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