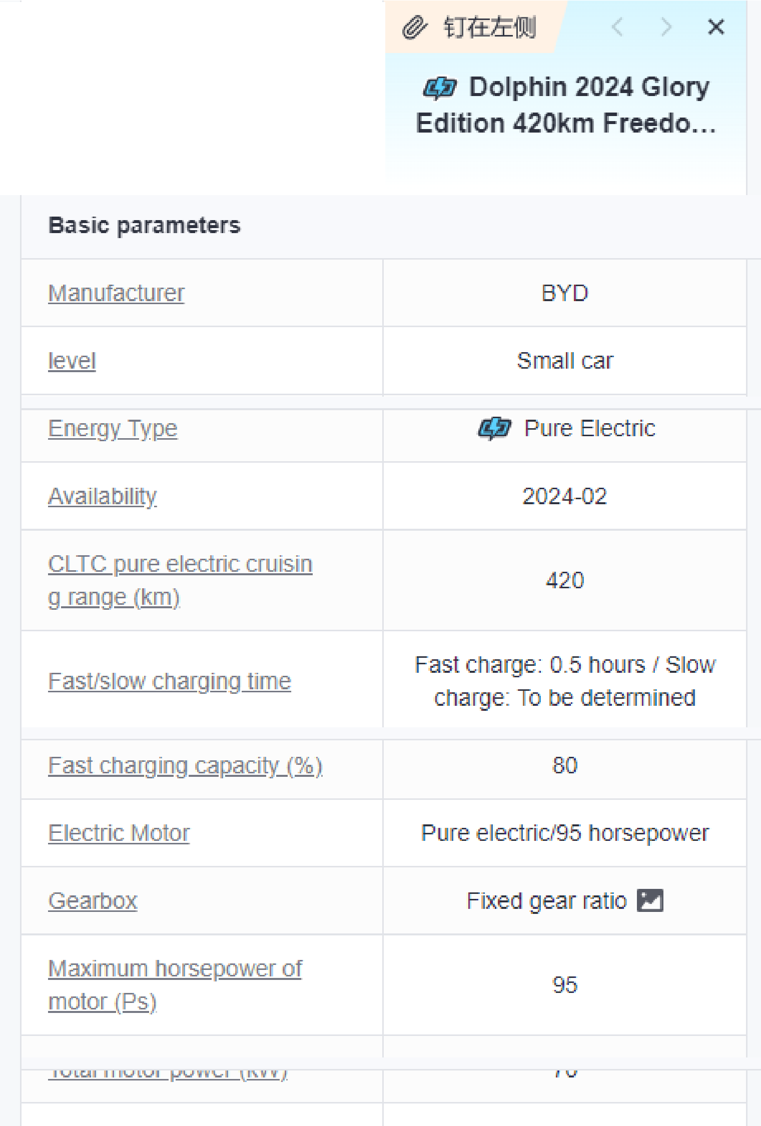


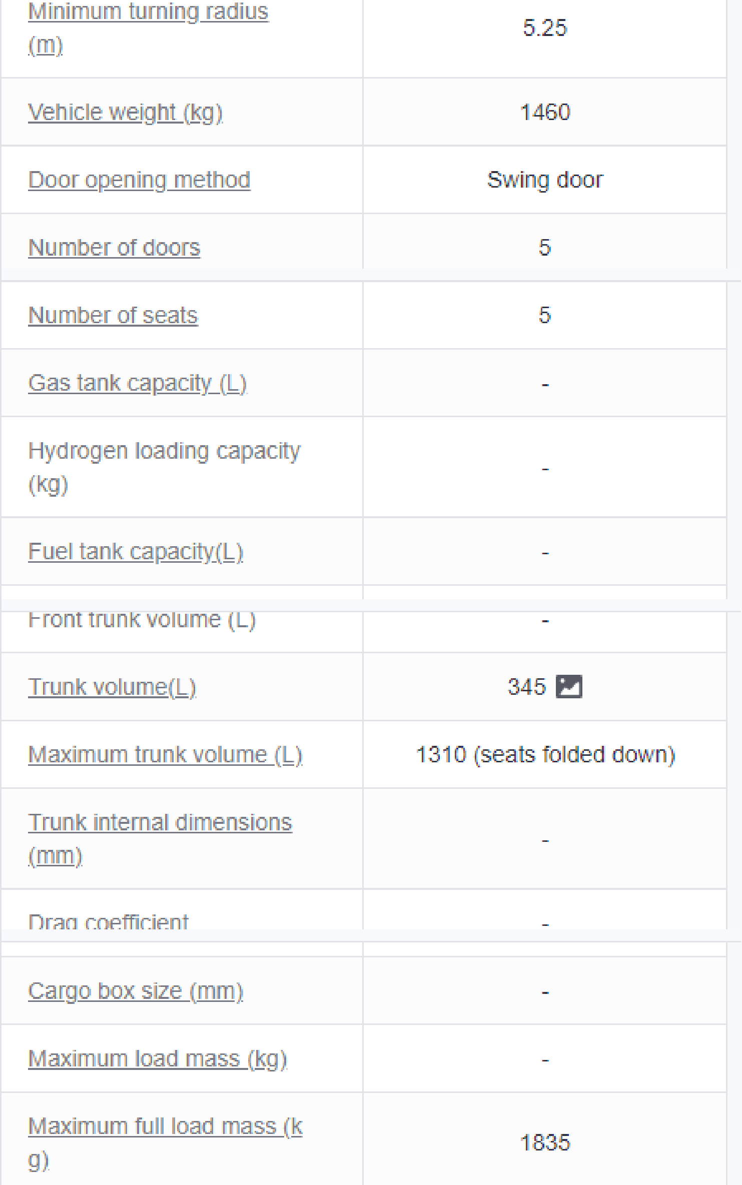
Dolphin 2024 Glory Edition 420km Freedo...

Basic parameters	
Manufacturer	BYD
level	Small car
Energy Type	Pure Electric
Availability	2024-02
CLTC pure electric cruising range (km)	420
Fast/slow charging time	Fast charge: 0.5 hours / Slow charge: To be determined
Fast charging capacity (%)	80
Electric Motor	Pure electric/95 horsepower
Gearbox	Fixed gear ratio
Maximum horsepower of motor (Ps)	95
Total motor power (kW)	70

Total torque of the motor (N·m)	180
Body Type	5-door 5-seater hatchback
Length × width × height (mm)	4125×1770×1570
Wheelbase(mm)	2700
Maximum speed (km/h)	150
Electric energy equivalent fuel consumption (L/100km)	1.19

Body

Body structure	Hatchback
Length(mm)	4125
Width(mm)	1770
Height(mm)	1570
Wheelbase(mm)	2700
Front track/Rear track (mm)	1530/1530
Minimum ground clearance (mm)	-

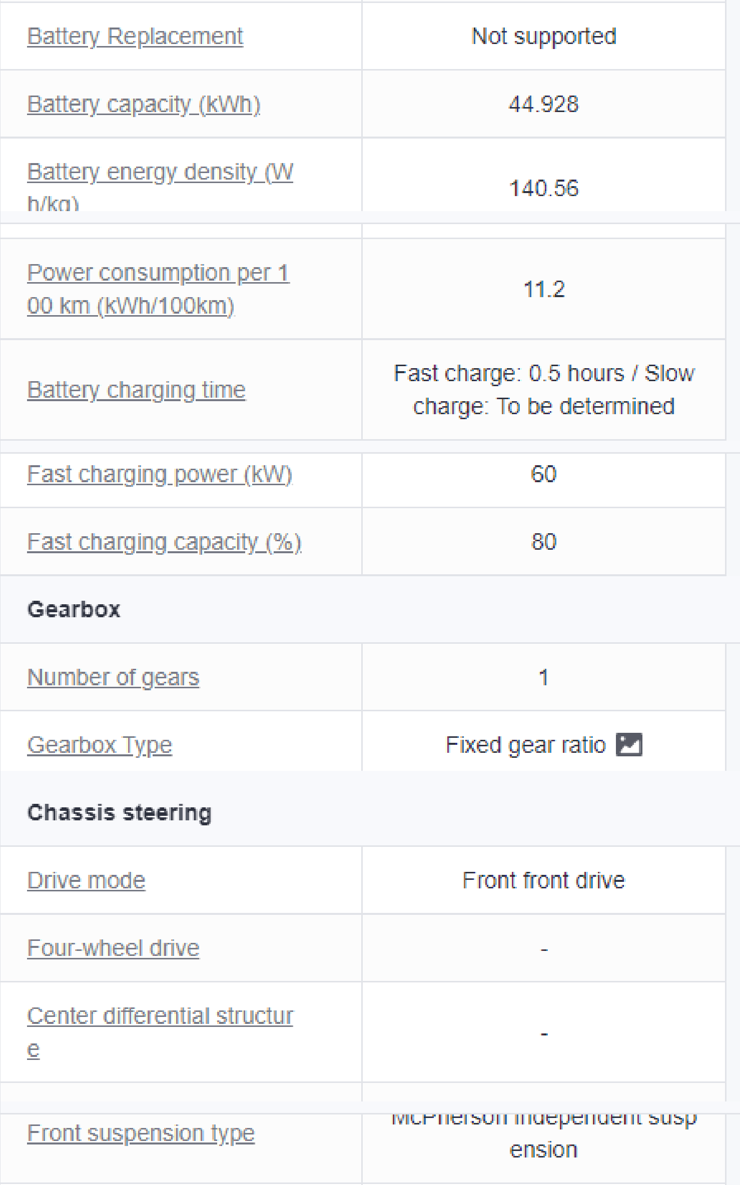


Minimum turning radius (m)	5.25
Vehicle weight (kg)	1460
Door opening method	Swing door
Number of doors	5
Number of seats	5
Gas tank capacity (L)	-
Hydrogen loading capacity (kg)	-
Fuel tank capacity(L)	-
Front trunk volume (L)	-
Trunk volume(L)	345 🖼
Maximum trunk volume (L)	1310 (seats folded down)
Trunk internal dimensions (mm)	-
Drag coefficient	-
Cargo box size (mm)	-
Maximum load mass (kg)	-
Maximum full load mass (kg)	1835

Total mass of trailer(kg)	-

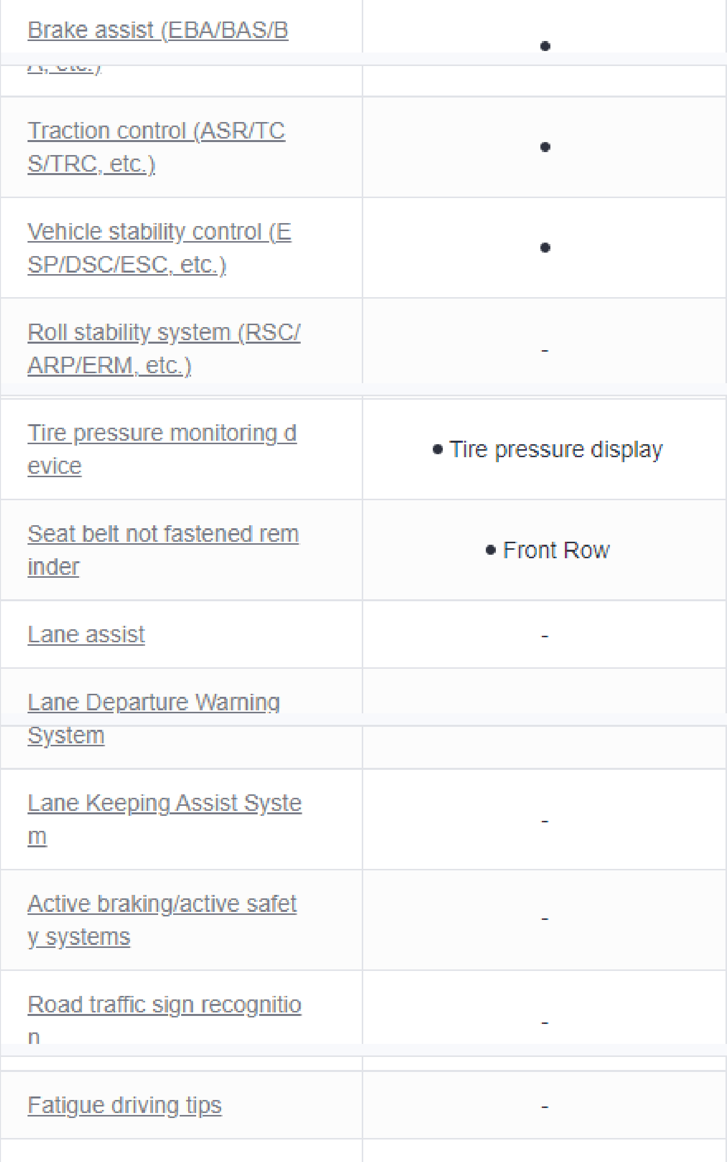
Electric motor/battery

Motor Type	Permanent magnet synchronous
Maximum horsepower of motor (Ps)	95
Total motor power (kW)	70
Total torque of the motor (N·m)	180
Maximum power of front motor (kW)	70
Maximum torque of front motor (N·m)	180
Number of drive motors	Single motor
Motor layout	Pre
CLTC pure electric cruising range (km)	420
Battery Type	Lithium iron phosphate battery
Battery brand	Fudi
Battery cooling method	Direct cooling



Battery Replacement	Not supported
Battery capacity (kWh)	44.928
Battery energy density (Wh/kg)	140.56
Power consumption per 100 km (kWh/100km)	11.2
Battery charging time	Fast charge: 0.5 hours / Slow charge: To be determined
Fast charging power (kW)	60
Fast charging capacity (%)	80
Gearbox	
Number of gears	1
Gearbox Type	Fixed gear ratio
Chassis steering	
Drive mode	Front front drive
Four-wheel drive	-
Center differential structure	-
Front suspension type	McPherson independent suspension

Rear suspension type	Four-link independent suspension
Power steering type	Electric power assist
Vehicle structure	Load-bearing
Wheel brake	
Front brake type	Ventilated disc
Rear brake type	Disc
Parking brake type	Electronic parking brake
Front tire specifications	195/60 R16
Rear tire specifications	195/60 R16
Spare tire specifications	none
Off-road performance	
Approach angle (°)	17
Departure angle(°)	twenty three
Active safety configuration	● 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 (ESP/DSC/ESC, etc.)	•
Roll stability system (RSC/ARP/ERM, etc.)	-
Tire pressure monitoring device	• Tire pressure display
Seat belt not fastened reminder	• Front Row
Lane assist	-
Lane Departure Warning System	
Lane Keeping Assist System	-
Active braking/active safety systems	-
Road traffic sign recognition	-
Fatigue driving tips	-

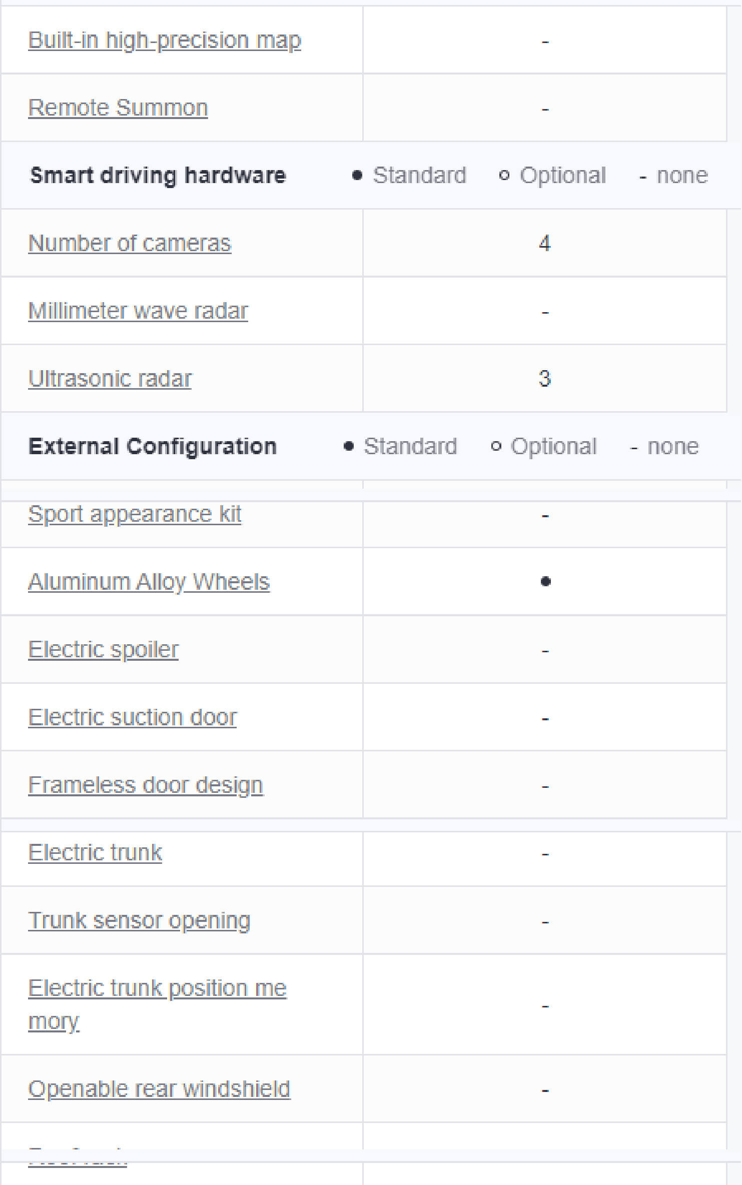
Night Vision System	-

Passive safety configuration	● Standard ○ Optional - no
Driver's airbag	●
Passenger airbag	●
Front side airbags	●
Rear side airbags	-
Front head airbag (curtain airbag)	●
Rear head airbags (curtain airbags)	●
Explosion-proof tires	-
ISO FIX child seat interface	●

Driving assistance configuration	● Standard ○ Optional
Cruise control system	● Cruise control
Front radar	-
Rear parking radar	●
Parking Image System	● 360-degree panoramic images
Vehicle side blind spot ima	-

ging system	
Reversing dynamic reminder system	-
Driving mode switch	● Standard/Comfortable ● economy ● sports
Terrain mode switch	● Snow
Automatic parking	-
Remote control parking/exit	●
Energy recovery system	●
Hill start assist	●
Automatic parking	●
Steep slope descent	-
Variable suspension adjustment	-
Electromagnetic induction suspension	-
Air suspension	
Driver assistance level	-

Intelligent driving function ● Standard ○ Optional - none



Built-in high-precision map	-
Remote Summon	-
Smart driving hardware	● Standard ○ Optional - none
Number of cameras	4
Millimeter wave radar	-
Ultrasonic radar	3
External Configuration	● Standard ○ Optional - none
Sport appearance kit	-
Aluminum Alloy Wheels	●
Electric spoiler	-
Electric suction door	-
Frameless door design	-
Electric trunk	-
Trunk sensor opening	-
Electric trunk position memory	-
Openable rear windshield	-

Hidden electric door handle	-
Active grille	-
Battery preheating	●
Discharge to the outside	●
Low speed warning	●
Internal Configuration	● Standard ○ Optional - none
Steering wheel material	● Leather
Steering wheel adjustment range	Up and down + front and back
Electric steering wheel adjustment	-
Gear shifting	Electronic gear shift
Multi-function steering wheel	●
Steering wheel paddles	-
Steering wheel heating	-
Steering wheel memory	-
LCD instrument panel displays information	● Driving Information ● Multimedia Information

Full LCD instrument panel	●
LCD instrument panel size	5 inches
HUD Head-up digital display	-
Car driving recorder	-
Wireless charging for mobile phones	-
Electric adjustable pedals	
ETC Device	●

In-vehicle/out-vehicle power supply ● Standard ○ Optional

Trunk 12V power interface	-
220V/230V power supply	-

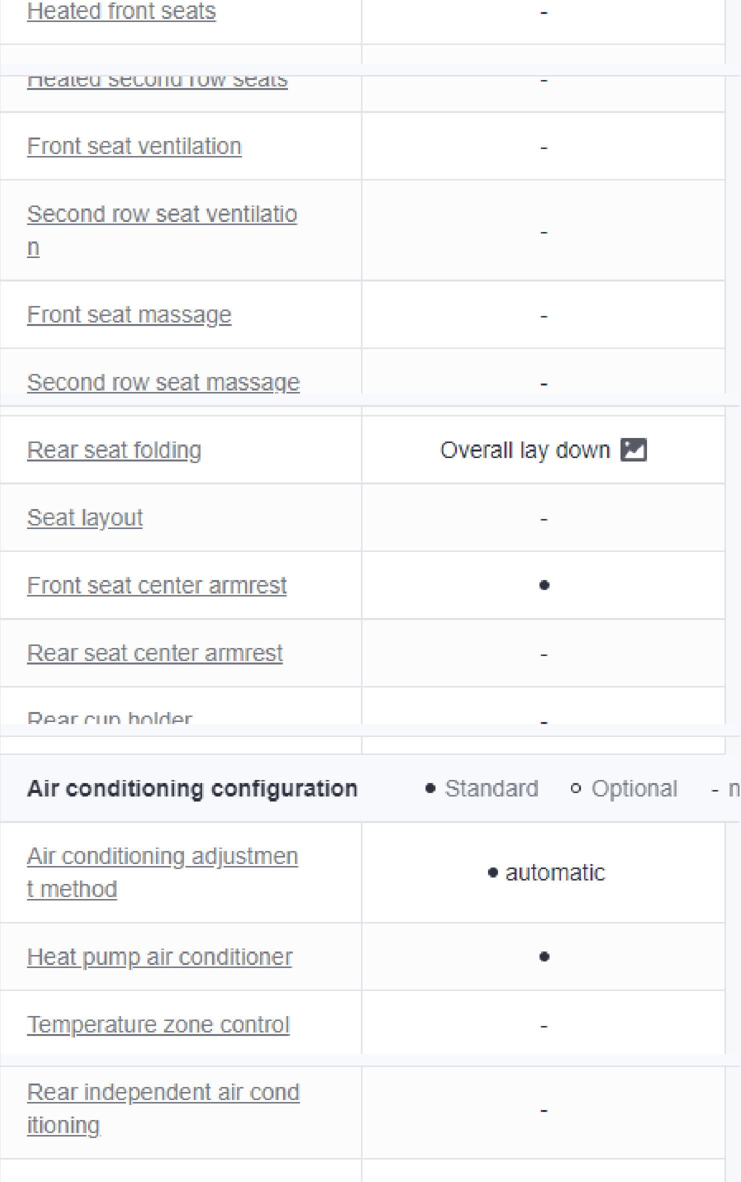
Anti-theft configuration ● Standard ○ Optional - none

Central locking system in the car	●
Key Type	● Remote control key ● Bluetooth key ● NFC Key
Remote Start	●
Keyless start system	●

Keyless entry system	● Driving seat

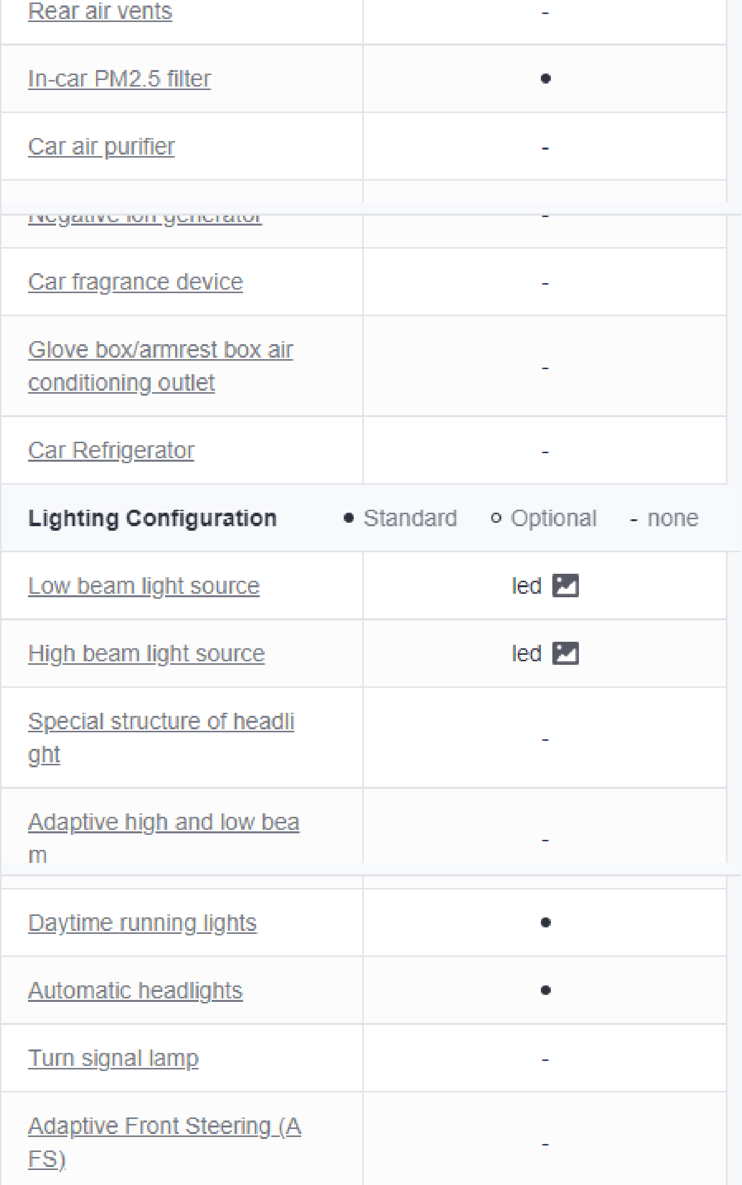
Seat Configuration ● Standard ○ Optional - none

Seat Material	imitation leather
Sports style seats	●
Front seat height adjustment	● Driver's seat
Front seat cushion tilt adjustment	-
Front seat cushion length adjustment	-
Front lumbar support adjustment	-
Front seat backrest adjustment	-
Front seat leg rest adjustment	-
Electric adjustment of driving position	●
Electric adjustment of passenger seat	-
Electric seat memory	-



Heated front seats	-
Heated second row seats	-
Front seat ventilation	-
Second row seat ventilation	-
Front seat massage	-
Second row seat massage	-
Rear seat folding	Overall lay down
Seat layout	-
Front seat center armrest	●
Rear seat center armrest	-
Rear cup holder	-

Air conditioning configuration	● Standard ○ Optional - n
Air conditioning adjustment method	● automatic
Heat pump air conditioner	●
Temperature zone control	-
Rear independent air conditioning	-



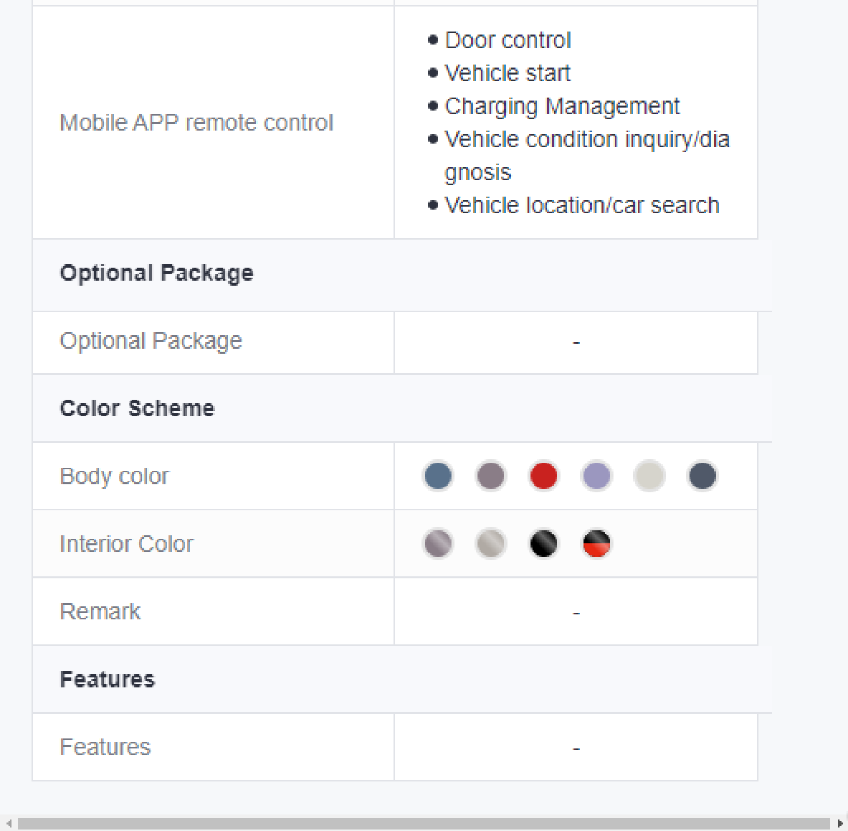
Rear air vents	-
In-car PM2.5 filter	●
Car air purifier	-
Negative ion generator	-
Car fragrance device	-
Glove box/armrest box air conditioning outlet	-
Car Refrigerator	-
Lighting Configuration	● Standard ○ Optional - none
Low beam light source	led
High beam light source	led
Special structure of headlight	-
Adaptive high and low beam	-
Daytime running lights	●
Automatic headlights	●
Turn signal lamp	-
Adaptive Front Steering (AFS)	-

Front fog lights	-
Headlight rain and fog mode	-
Height-adjustable headlights	●
Headlight cleaning device	-
Headlight Delay Off	●
Touch reading light	●
Interior ambient lighting	-
Glass/Rearview Mirror	● Standard ○ Optional - none
Skylight Type	-
Power windows	● Full vehicle
One-touch window up/down	● Driver's seat
Window anti-pinch function	● Driver's seat
Multi-layer soundproof glass	
UV protection/heat-insulating glass	-

Electric adjustment of rear view mirror	●
Heated exterior mirrors	●
Electric folding rearview mirror	-
Rearview mirror automatically folds when the car is locked	-
Rearview mirror automatically folds down when reversing	-
Rearview mirror memory	-
Automatic anti-glare exterior mirrors	-
Automatic anti-glare interior rearview mirror	-
Sun visor makeup mirror	● Main driving light + lighting ● Co-pilot + lighting
Rear wiper	●
Sensor wipers	-
Multimedia Configuration	● Standard ○ Optional - none
Car system name	DiLink

Central control color screen	●
Screen operation mode	● Touch
Central control screen size	12.8 inches
Central control screen material	● LCD
Screen rotation	●
Satellite navigation system	●
Real-time traffic information display	●
Navigation map brand	● Gaode
Mobile phone interconnection/mapping	-
Internet of Vehicles	●
4G/5G Network	● 4G
OTA remote online upgrade	●
Wi-Fi hotspots	●
Roadside assistance call	-
Voice recognition control s	● Multimedia System ● navigation

ystem	● Telephone ● air conditioner
Voice wake-up word	Hello, Xiaodi
Gesture Control	-
Multi-screen interaction	●
Bluetooth/Car Phone	●
Central control LCD screen split screen display	-
Car TV	-
Rear LCD screen	-
Rear central control system	-
Interface Type	● USB ● 12V
Number of USB/Type-C ports	Front 2/Back 1
CD/DVD	-
Speaker Brand	-
Number of speakers	6
Active noise reduction system	-



Mobile APP remote control	• Door control • Vehicle start • Charging Management • Vehicle condition inquiry/diagnosis • Vehicle location/car search
Optional Package	
Optional Package	-
Color Scheme	
Body color	● ● ● ● ● ●
Interior Color	● ● ● ●
Remark	-
Features	
Features	-