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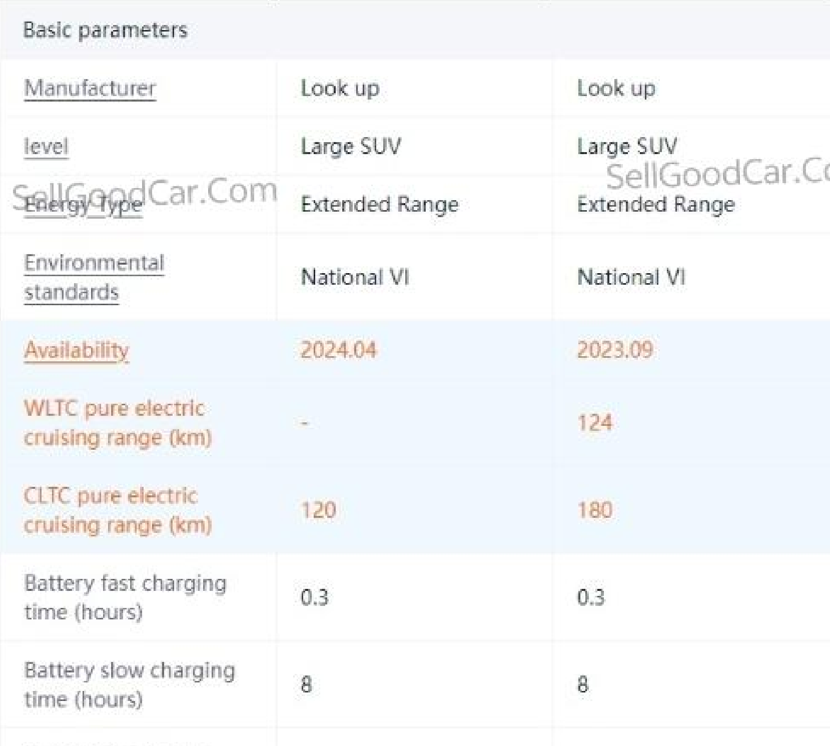

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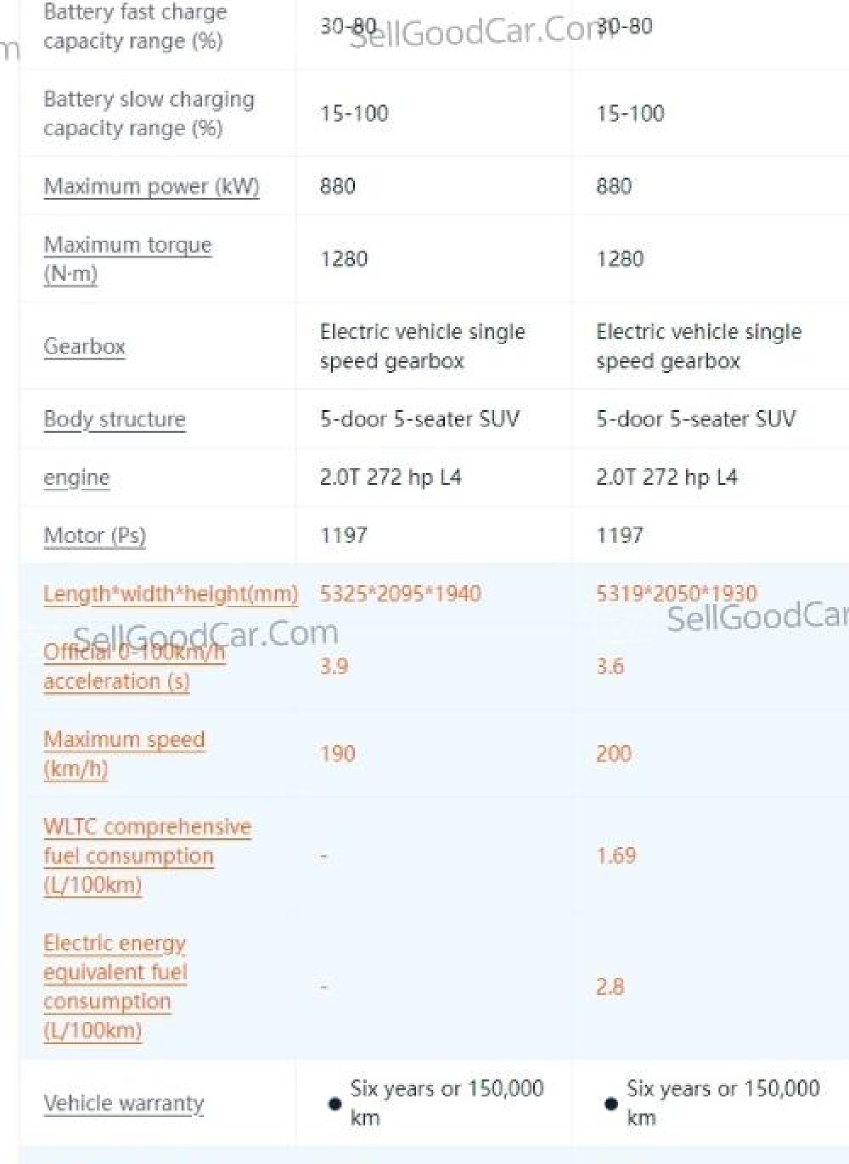
BYD Yangwang	U8 Player	U8 Luxury
Basic parameters		
Manufacturer	Look up	Look up
level	Large SUV	Large SUV
Energy_Type	Extended Range	Extended Range
Environmental standards	National VI	National VI
Availability	2024.04	2023.09
WLTC pure electric cruising range (km)	-	124
CLTC pure electric cruising range (km)	120	180
Battery fast charging time (hours)	0.3	0.3
Battery slow charging time (hours)	8	8



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Battery fast charge capacity range (%)	30-80	30-80
Battery slow charging capacity range (%)	15-100	15-100
Maximum power (kW)	880	880
Maximum torque (N·m)	1280	1280
Gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Body structure	5-door 5-seater SUV	5-door 5-seater SUV
engine	2.0T 272 hp L4	2.0T 272 hp L4
Motor (Ps)	1197	1197
Length*width*height(mm)	5325*2095*1940	5319*2050*1930
Official 0-100km/h acceleration (s)	3.9	3.6
Maximum speed (km/h)	190	200
WLTC comprehensive fuel consumption (L/100km)	-	1.69
Electric energy equivalent fuel consumption (L/100km)	-	2.8
Vehicle warranty	● Six years or 150,000 km	● Six years or 150,000 km

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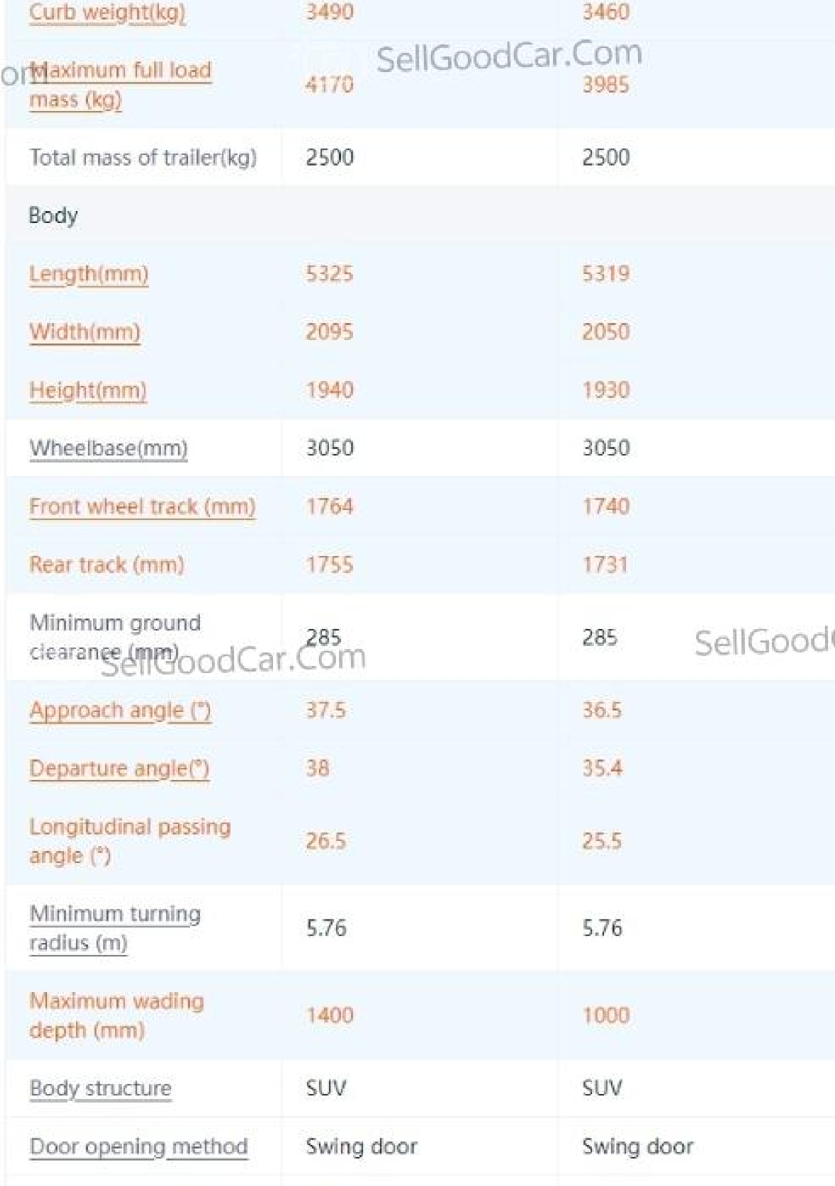

Curb weight(kg)	3490	3460
Maximum full load mass (kg)	4170	3985
Total mass of trailer(kg)	2500	2500
Body		
Length(mm)	5325	5319
Width(mm)	2095	2050
Height(mm)	1940	1930
Wheelbase(mm)	3050	3050
Front wheel track (mm)	1764	1740
Rear track (mm)	1755	1731
Minimum ground clearance (mm)	285	285
Approach angle (°)	37.5	36.5
Departure angle(°)	38	35.4
Longitudinal passing angle (°)	26.5	25.5
Minimum turning radius (m)	5.76	5.76
Maximum wading depth (mm)	1400	1000
Body structure	SUV	SUV
Door opening method	Swing door	Swing door

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Number of doors	● 5	● 5
Number of seats	● 5	● 5
Fuel tank capacity(L)	75	75
Trunk volume(L)	1031-2050	1031-2050
Drag coefficient (Cd)	-	-
engine		
Engine Model	BYD487ZQD	BYD487ZQD
Displacement (mL)	1997	1997
Displacement(L)	2.0	2.0
Air intake form	Turbocharger	Turbocharger
Engine layout	Sideways	Sideways
Cylinder arrangement	L	L
Number of cylinders	4	4
Number of valves per cylinder	4	4
Valve mechanism	DOHC	DOHC
Maximum horsepower(Ps)	272	272
Maximum power (kW)	200	200
Maximum power speed (rpm)	-	-

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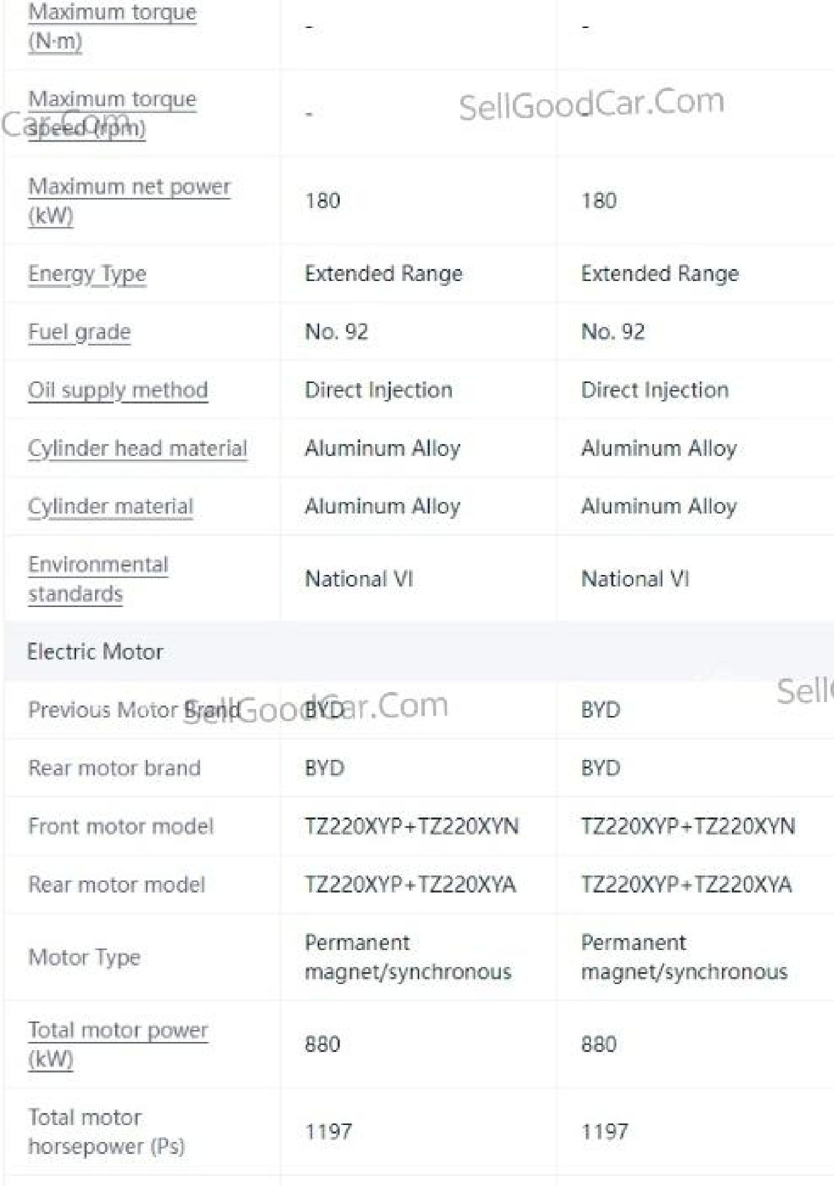

Maximum torque (N·m)	-	-
Maximum torque speed (rpm)	-	-
Maximum net power (kW)	180	180
Energy Type	Extended Range	Extended Range
Fuel grade	No. 92	No. 92
Oil supply method	Direct Injection	Direct Injection
Cylinder head material	Aluminum Alloy	Aluminum Alloy
Cylinder material	Aluminum Alloy	Aluminum Alloy
Environmental standards	National VI	National VI
Electric Motor		
Previous Motor Brand	BYD	BYD
Rear motor brand	BYD	BYD
Front motor model	TZ220XYP+TZ220XYN	TZ220XYP+TZ220XYN
Rear motor model	TZ220XYP+TZ220XYA	TZ220XYP+TZ220XYA
Motor Type	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	880	880
Total motor horsepower (Ps)	1197	1197

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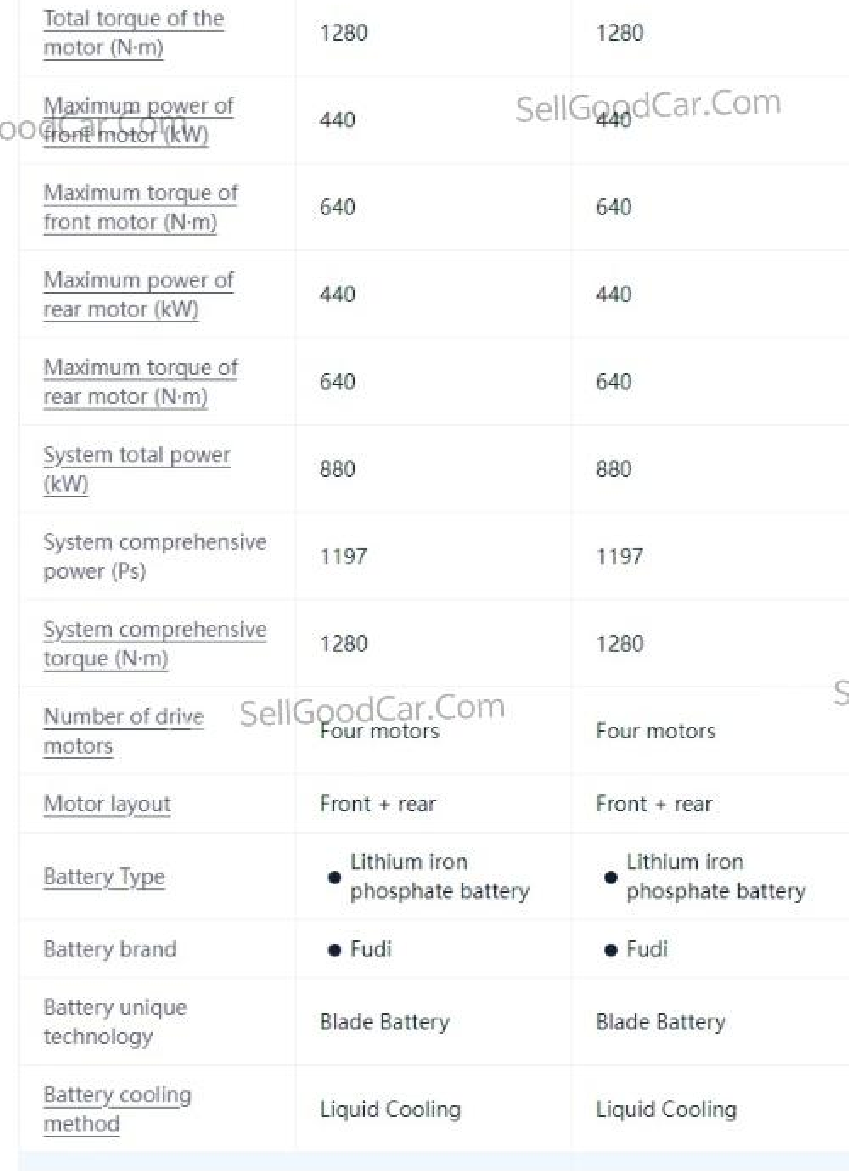

Total torque of the motor (N·m)	1280	1280
Maximum power of front motor (kW)	440	440
Maximum torque of front motor (N·m)	640	640
Maximum power of rear motor (kW)	440	440
Maximum torque of rear motor (N·m)	640	640
System total power (kW)	880	880
System comprehensive power (Ps)	1197	1197
System comprehensive torque (N·m)	1280	1280
Number of drive motors	Four motors	Four motors
Motor layout	Front + rear	Front + rear
Battery Type	● Lithium iron phosphate battery	● Lithium iron phosphate battery
Battery brand	● Fudi	● Fudi
Battery unique technology	Blade Battery	Blade Battery
Battery cooling method	Liquid Cooling	Liquid Cooling

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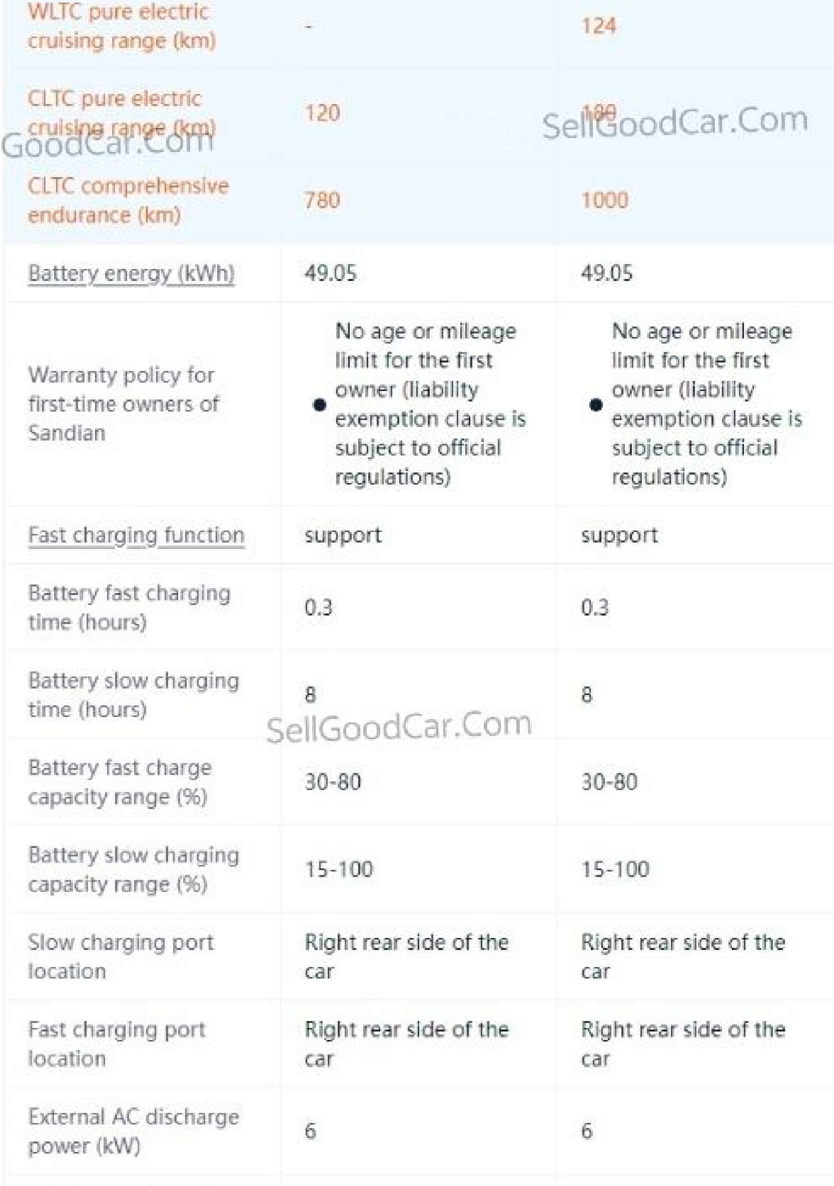

WLTC pure electric cruising range (km)	-	124
CLTC pure electric cruising range (km)	120	180
CLTC comprehensive endurance (km)	780	1000
Battery energy (kWh)	49.05	49.05
Warranty policy for first-time owners of Sandian	● No age or mileage limit for the first owner (liability exemption clause is subject to official regulations)	● No age or mileage limit for the first owner (liability exemption clause is subject to official regulations)
Fast charging function	support	support
Battery fast charging time (hours)	0.3	0.3
Battery slow charging time (hours)	8	8
Battery fast charge capacity range (%)	30-80	30-80
Battery slow charging capacity range (%)	15-100	15-100
Slow charging port location	Right rear side of the car	Right rear side of the car
Fast charging port location	Right rear side of the car	Right rear side of the car
External AC discharge power (kW)	6	6

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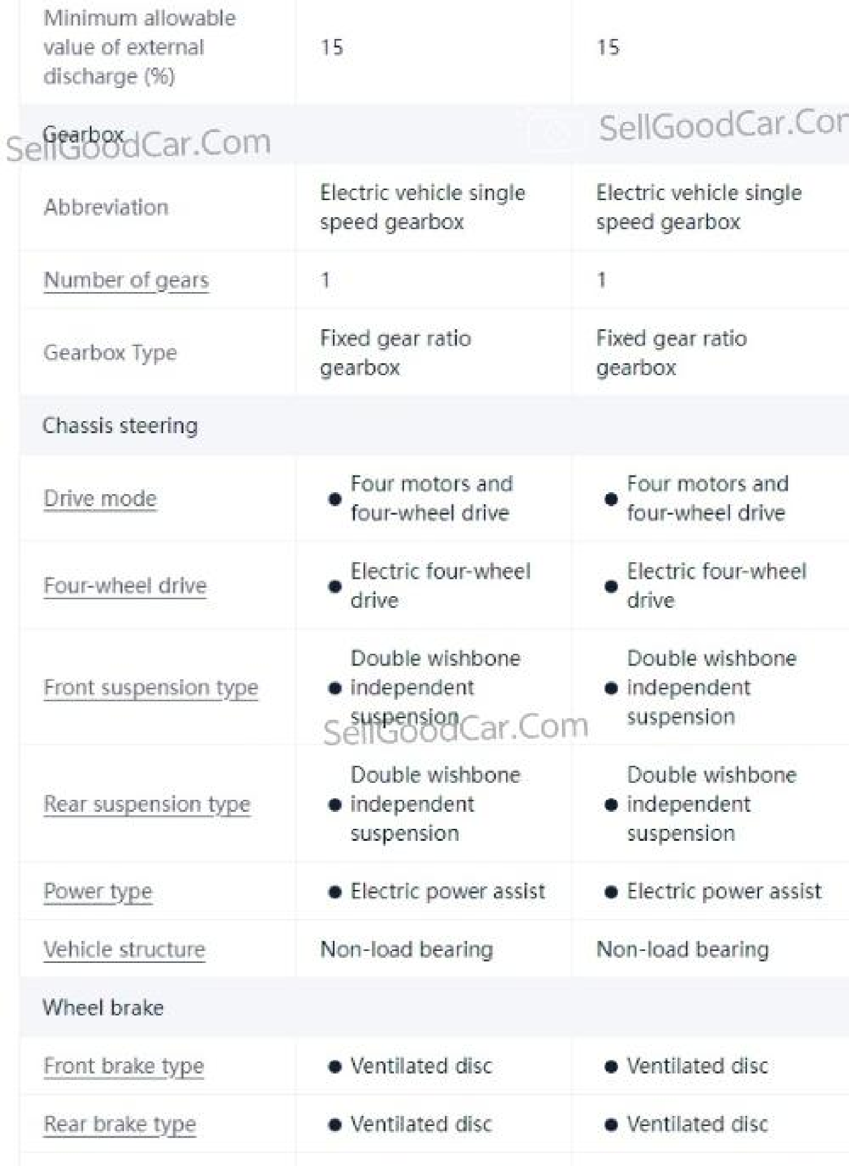

Minimum allowable value of external discharge (%)	15	15
Gearbox		
Abbreviation	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Number of gears	1	1
Gearbox Type	Fixed gear ratio gearbox	Fixed gear ratio gearbox
Chassis steering		
Drive mode	● Four motors and four-wheel drive	● Four motors and four-wheel drive
Four-wheel drive	● Electric four-wheel drive	● Electric four-wheel drive
Front suspension type	● Double wishbone independent suspension	● Double wishbone independent suspension
Rear suspension type	● Double wishbone independent suspension	● Double wishbone independent suspension
Power type	● Electric power assist	● Electric power assist
Vehicle structure	Non-load bearing	Non-load bearing
Wheel brake		
Front brake type	● Ventilated disc	● Ventilated disc
Rear brake type	● Ventilated disc	● Ventilated disc

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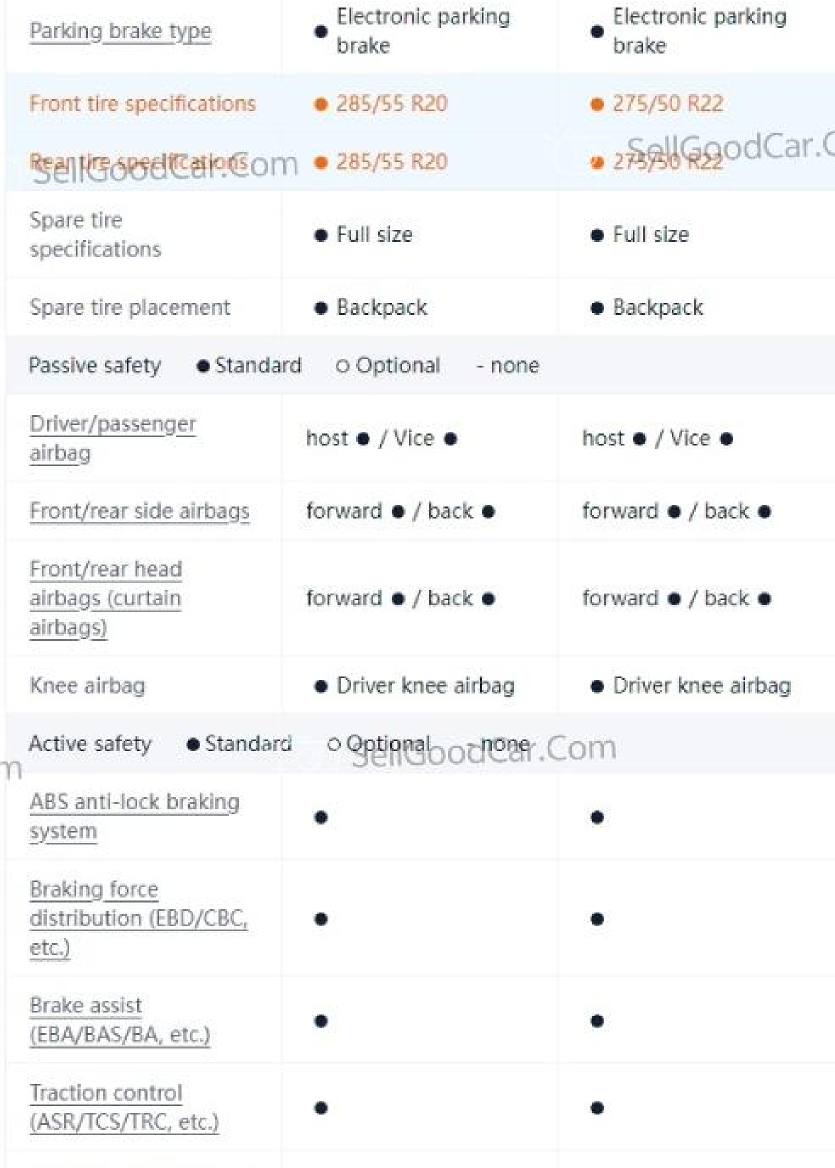

Parking brake type	● Electronic parking brake	● Electronic parking brake
Front tire specifications	● 285/55 R20	● 275/50 R22
Rear tire specifications	● 285/55 R20	● 275/50 R22
Spare tire specifications	● Full size	● Full size
Spare tire placement	● Backpack	● Backpack
Passive safety ● Standard ○ Optional - none		
Driver/passenger airbag	host ● / Vice ●	host ● / Vice ●
Front/rear side airbags	forward ● / back ●	forward ● / back ●
Front/rear head airbags (curtain airbags)	forward ● / back ●	forward ● / back ●
Knee airbag	● Driver knee airbag	● Driver knee airbag
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.)	●	●

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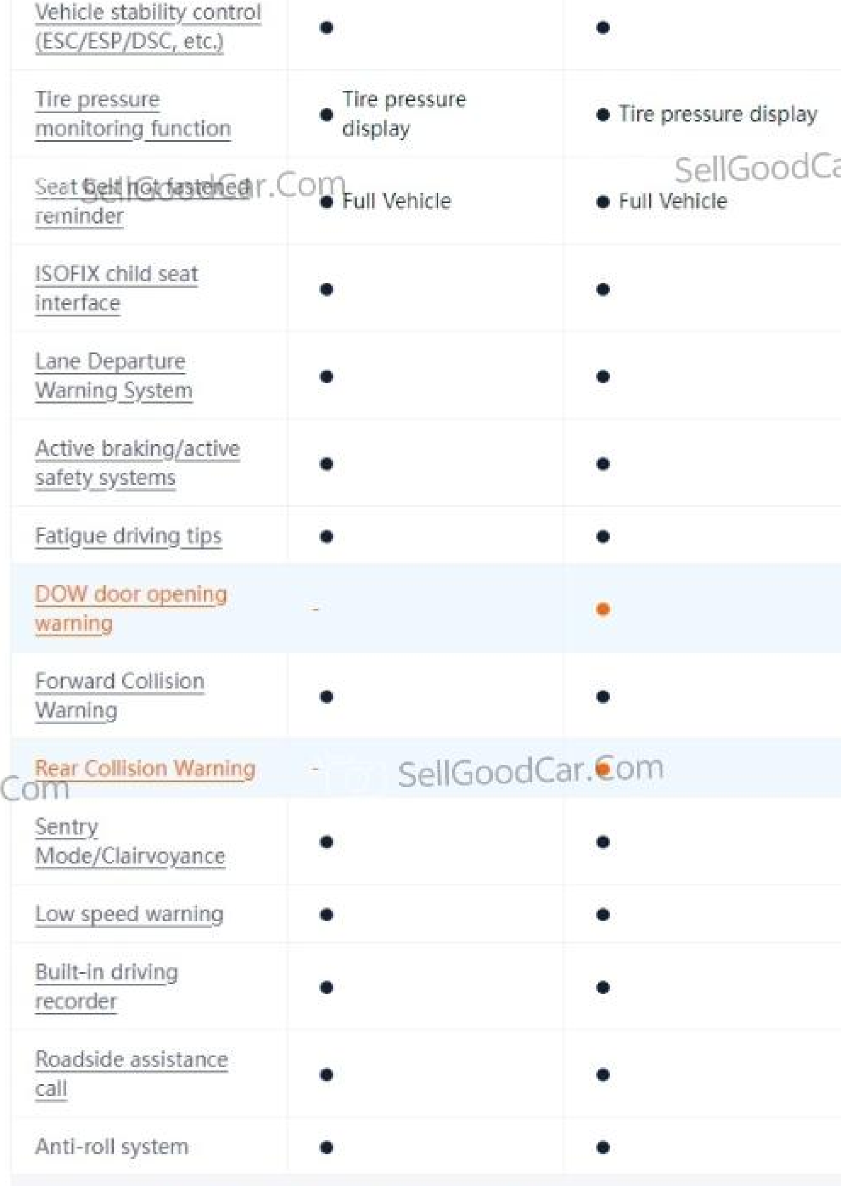

Vehicle stability control (ESC/ESP/DSC, etc.)	●	●
Tire pressure monitoring function	● Tire pressure display	● Tire pressure display
Seat belt not fastened reminder	● Full Vehicle	● Full Vehicle
ISOFIX child seat interface	●	●
Lane Departure Warning System	●	●
Active braking/active safety systems	●	●
Fatigue driving tips	●	●
DOW door opening warning	-	●
Forward Collision Warning	●	●
Rear Collision Warning	-	●
Sentry Mode/Clairvoyance	●	●
Low speed warning	●	●
Built-in driving recorder	●	●
Roadside assistance call	●	●
Anti-roll system	●	●

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Driving Control	● Standard ○ Optional - none	
Driving mode switch	● sports ● economy ● Standard/Comfortable ● Off-road ● Snow ● Customization/Persona	● sports ● economy ● Standard/Comfortable ● Off-road ● Snow
Energy recovery system	●	●
Automatic parking	●	●
Hill start assist	●	●
Steep slope descent	●	●
Variable suspension function	● Suspension hardness adjustment ● Suspension height adjustment	● Suspension hardness adjustment ● Suspension height adjustment
Towing mode	●	●
Four-wheel	● Standard ○ Optional - none	
Limited slip differential/differential lock	● Front axle differential lock ● Rear axle differential lock	● Front axle differential lock ● Rear axle differential lock
Water sensing system	●	●
Creep Mode	●	●
Tank Turn	●	●

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● Standard ○ Optional - none

Wading hose	●	-
Tow hook	○ Manual	○ Manual
Driving		
Front/rear parking radar	forward ● / back ●	forward ● / back ●
Driving assistance images	● 360-degree panoramic images	● 360-degree panoramic images
Transparent chassis/540-degree imaging	●	●
Assisted driving chip	● Nvidia Drive Orin	● 2 NVIDIA Drive Orin
Total chip computing power	● 254 TOPS	● 508 TOPS
Front perception camera	● Binocular x2	● Binocular x2
Number of cameras	● 7	● 16
Number of cameras in the car	● 2	● 2
Number of ultrasonic radars	● 10	● 14
Millimeter wave radar quantity	-	● 5
LiDAR Brand	-	● RoboSense
LiDAR Model	-	● RS-LiDAR M1
Number of LiDARs	-	● 3

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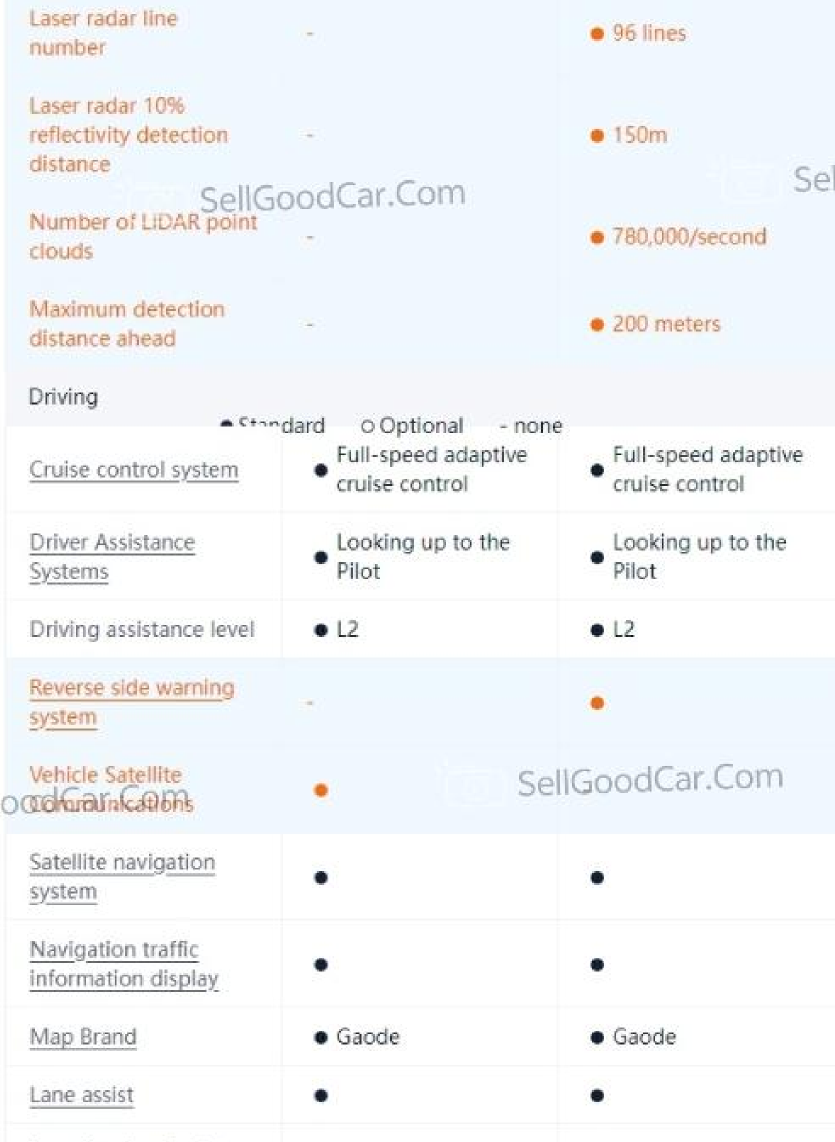

Laser radar line number	-	● 96 lines
Laser radar 10% reflectivity detection distance	-	● 150m
Number of LiDAR point clouds	-	● 780,000/second
Maximum detection distance ahead	-	● 200 meters

Driving

● Standard ○ Optional - none

Cruise control system	● Full-speed adaptive cruise control	● Full-speed adaptive cruise control
Driver Assistance Systems	● Looking up to the Pilot	● Looking up to the Pilot
Driving assistance level	● L2	● L2
Reverse side warning system	-	●
Vehicle Satellite Communications	●	
Satellite navigation system	●	●
Navigation traffic information display	●	●
Map Brand	● Gaode	● Gaode
Lane assist	●	●

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Lane Keeping Assist System	●	●
Lane centering	●	●
Road traffic sign recognition	●	●
Night Vision System	●	-
Automatic parking	-	●
Remote control parking	-	●
Automatic Lane Change Assist	●	●
Automatic exit/entry of ramp	-	●
Traffic light recognition	-	●
Automated driving assistance section	-	● Urban roads ● High-speed road section

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Appearance/anti-

● Standard ○ Optional - none

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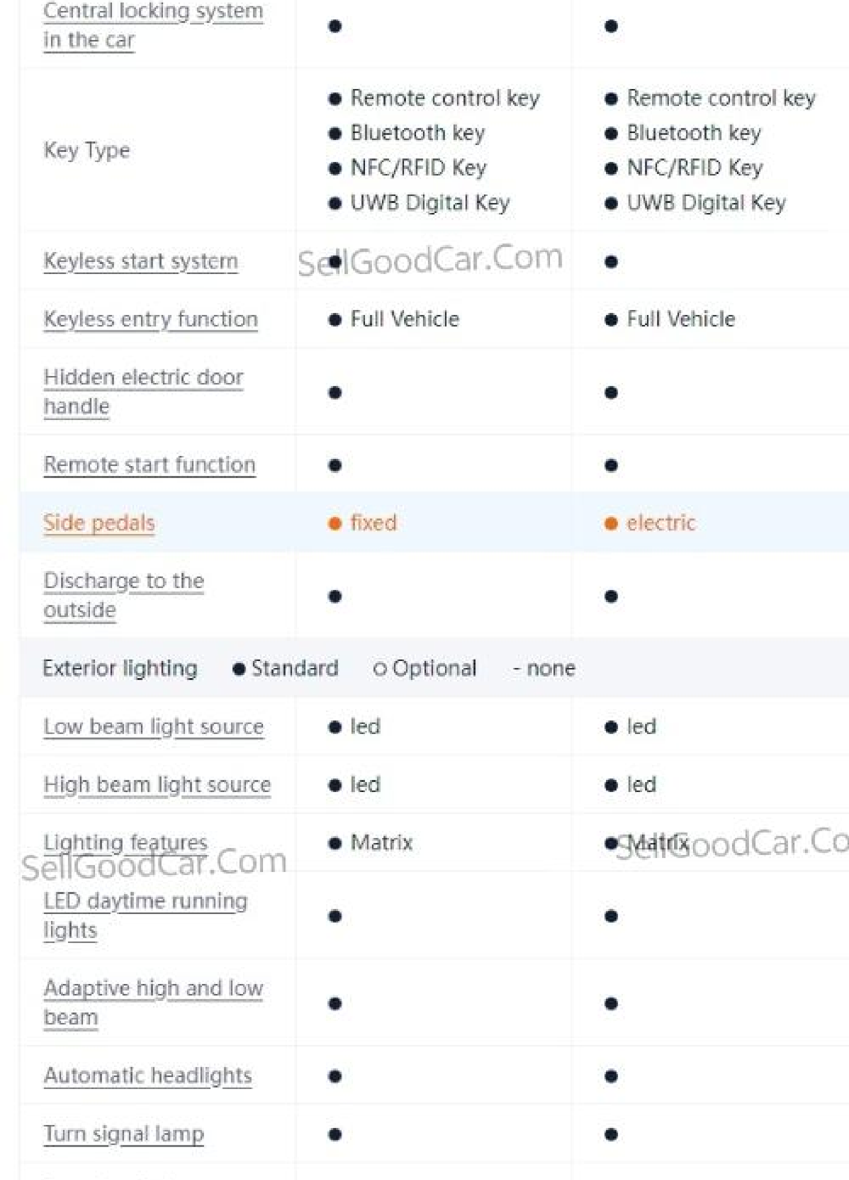
Rim material	● Aluminum Alloy	● Aluminum Alloy
Electric suction door	● Full Vehicle	● Full Vehicle
Electric trunk	-	-
Roof rack	●	-
Electronic engine immobilizer	●	●



Central locking system in the car	●	●
Key Type	● Remote control key ● Bluetooth key ● NFC/RFID Key ● UWB Digital Key	● Remote control key ● Bluetooth key ● NFC/RFID Key ● UWB Digital Key
Keyless start system	●	●
Keyless entry function	● Full Vehicle	● Full Vehicle
Hidden electric door handle	●	●
Remote start function	●	●
Side pedals	● fixed	● electric
Discharge to the outside	●	●
Exterior lighting ● Standard ○ Optional - none		
Low beam light source	● led	● led
High beam light source	● led	● led
Lighting features	● Matrix	● Matrix
LED daytime running lights	●	●
Adaptive high and low beam	●	●
Automatic headlights	●	●
Turn signal lamp	●	●

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Front fog lights	-	-
Height-adjustable headlights	●	●
Headlight Delay Off	●	●
Skylight/Glass	● Standard ○ Optional - none	
Skylight Type	-	● Openable panoramic sunroof
Starry skylight	-	●
Front/rear electric windows	forward ● / back ●	forward ● / back ●
One-touch window lifting function	● Full Vehicle	● Full Vehicle
Window anti-pinch function	●	●
Multi-layer soundproof glass	● Full Vehicle	● Full Vehicle
Rear side privacy glass	●	●
Car makeup mirror	● Main driving light + lighting ● Co-pilot + lighting	● Main driving light + lighting ● Co-pilot + lighting
Rear wiper	●	-
Rain sensor wiper function	● Rain sensor	● Rain sensor
Heated water nozzle	●	●
Exterior mirrors	● Standard ○ Optional - none	

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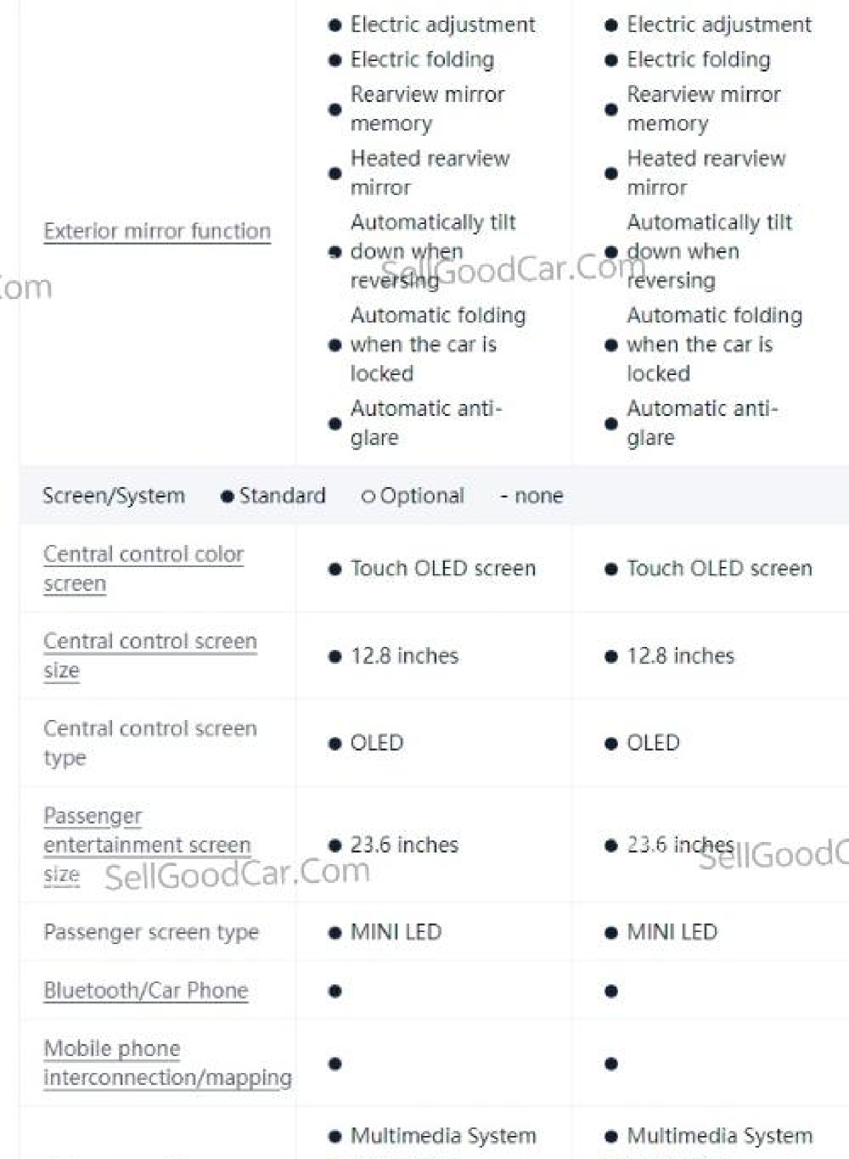

Exterior mirror function	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Heated rearview mirror ● Automatically tilt down when reversing ● Automatic folding when the car is locked ● Automatic anti-glare	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Heated rearview mirror ● Automatically tilt down when reversing ● Automatic folding when the car is locked ● Automatic anti-glare
Screen/System ● Standard ○ Optional - none		
Central control color screen	● Touch OLED screen	● Touch OLED screen
Central control screen size	● 12.8 inches	● 12.8 inches
Central control screen type	● OLED	● OLED
Passenger entertainment screen size	● 23.6 inches	● 23.6 inches
Passenger screen type	● MINI LED	● MINI LED
Bluetooth/Car Phone	●	●
Mobile phone interconnection/mapping	●	●
	● Multimedia System	● Multimedia System

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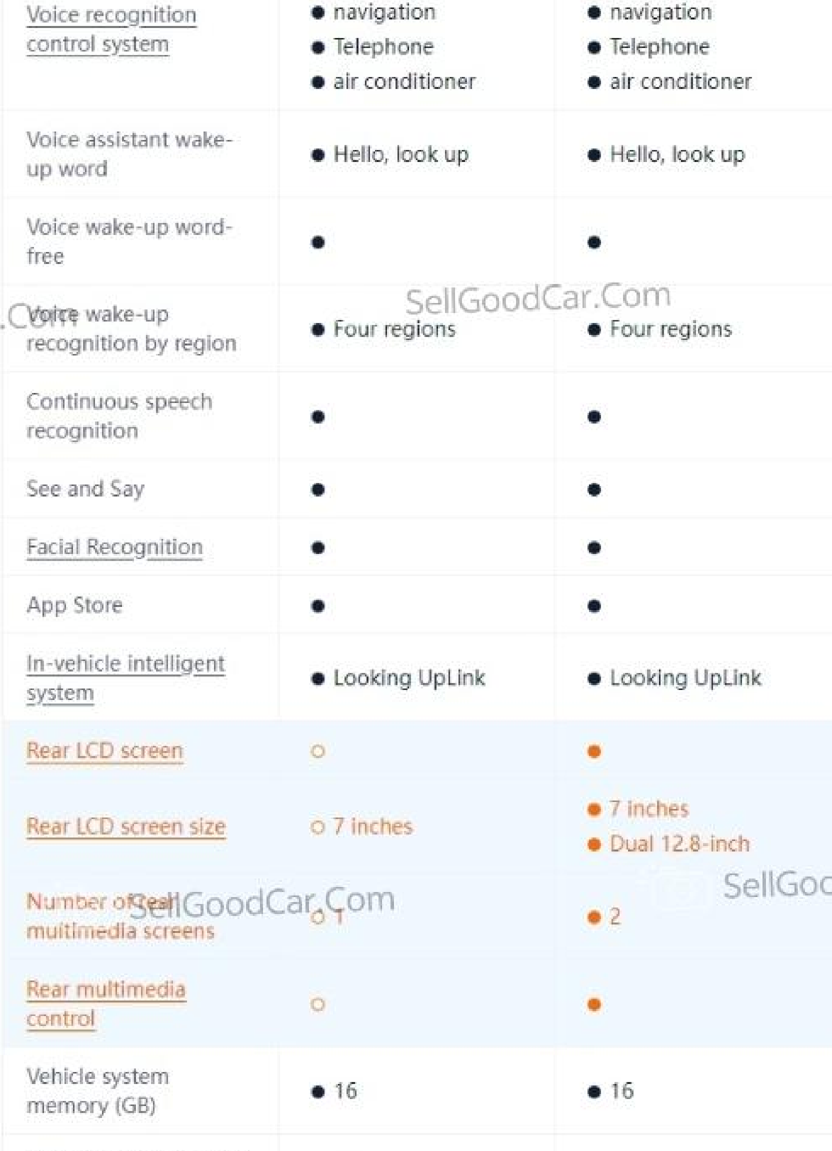

Voice recognition control system	● navigation ● Telephone ● air conditioner	● navigation ● Telephone ● air conditioner
Voice assistant wake-up word	● Hello, look up	● Hello, look up
Voice wake-up word-free	●	●
Voice wake-up recognition by region	● Four regions	● Four regions
Continuous speech recognition	●	●
See and Say	●	●
Facial Recognition	●	●
App Store	●	●
In-vehicle intelligent system	● Looking UpLink	● Looking UpLink
Rear LCD screen	○	●
Rear LCD screen size	○ 7 inches	● 7 inches ● Dual 12.8-inch
Number of rear multimedia screens	○ 1	● 2
Rear multimedia control	○	●
Vehicle system memory (GB)	● 16	● 16

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Vehicle system storage (GB)	● 512	● 512
Multi-finger flying screen control	●	●
Intelligent		
Internet of Vehicles	●	●
4G/5G Network	● 5G	● 5G
OTA Update	●	●
Wi-Fi hotspots	●	●
In-car biometric monitoring system	●	●
Mobile APP remote function	● Door control ● Vehicle start ● Air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle location/car search	● Door control ● Vehicle start ● Air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle location/car search
Simulate sound waves	-	●
Steering		
Steering wheel material	● Genuine Leather	● Genuine Leather
Steering wheel position adjustment	● Electric up and down + front and back adjustment	● Electric up and down + front and back adjustment

● Standard ○ Optional - none

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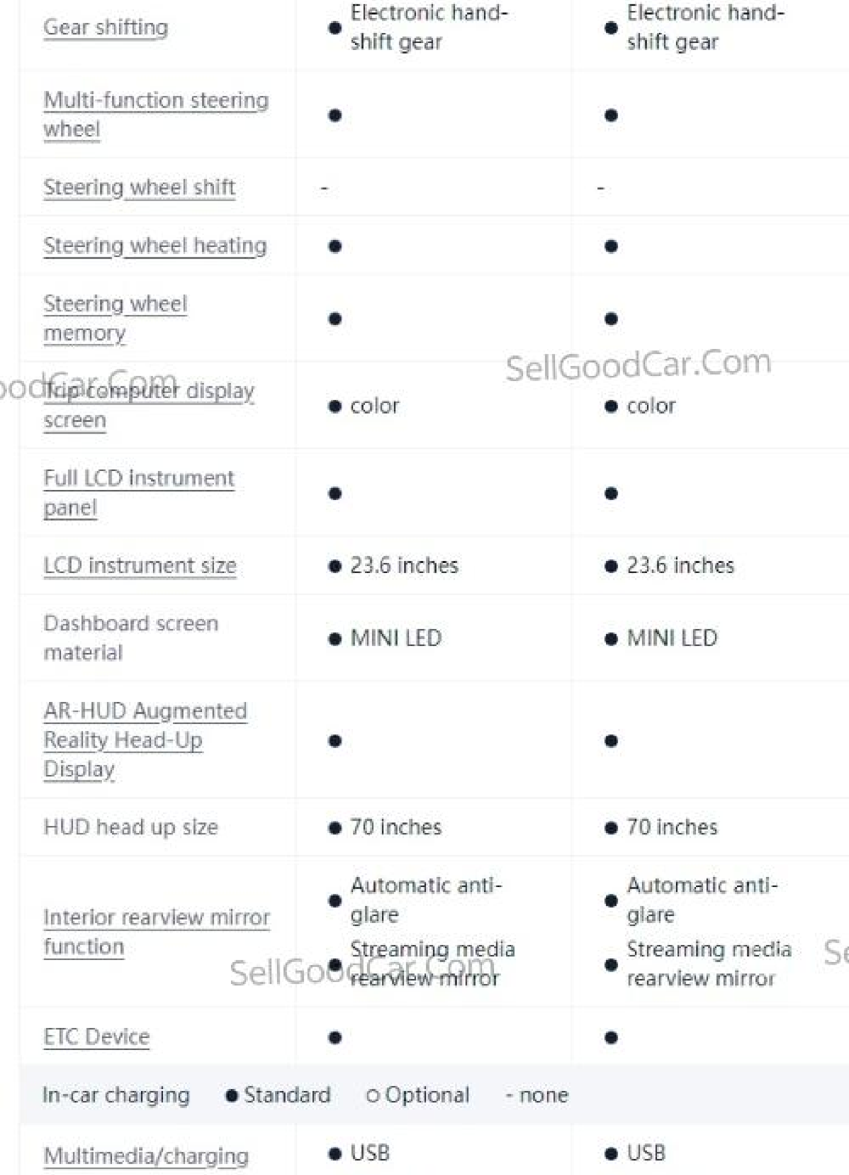

Gear shifting	● Electronic hand-shift gear	● Electronic hand-shift gear
Multi-function steering wheel	●	●
Steering wheel shift	-	-
Steering wheel heating	●	●
Steering wheel memory	●	●
Trip computer display screen	● color	● color
Full LCD instrument panel	●	●
LCD instrument size	● 23.6 inches	● 23.6 inches
Dashboard screen material	● MINI LED	● MINI LED
AR-HUD Augmented Reality Head-Up Display	●	●
HUD head up size	● 70 inches	● 70 inches
Interior rearview mirror function	● Automatic anti-glare ● Streaming media rearview mirror	● Automatic anti-glare ● Streaming media rearview mirror
ETC Device	●	●
In-car charging	● Standard ○ Optional - none	
Multimedia/charging	● USB	● USB

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port	● Type-C	● Type-C
Number of USB/Type-C ports	○ 4 front seats/4 rear seats ● 4 front seats/2 rear seats	● 4 front seats/4 rear seats
USB/Type-C maximum charging power	● 60W	● 60W
220V/230V power supply	●	●
Mobile phone wireless charging function	● Front Row ○ Back row	● Front Row ● Back row
Mobile phone wireless charging power	● 50W	● 50W
Luggage compartment 12V power socket	●	●
Seat		
Seat Material	● Genuine Leather	● Genuine Leather
Main seat adjustment	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Leg support adjustment ● Lumbar support (4-way)	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Leg support adjustment ● Lumbar support (4-way)
	● Front and rear adjustment ● Backrest adjustment	● Front and rear adjustment ● Backrest adjustment

● Standard ○ Optional - none

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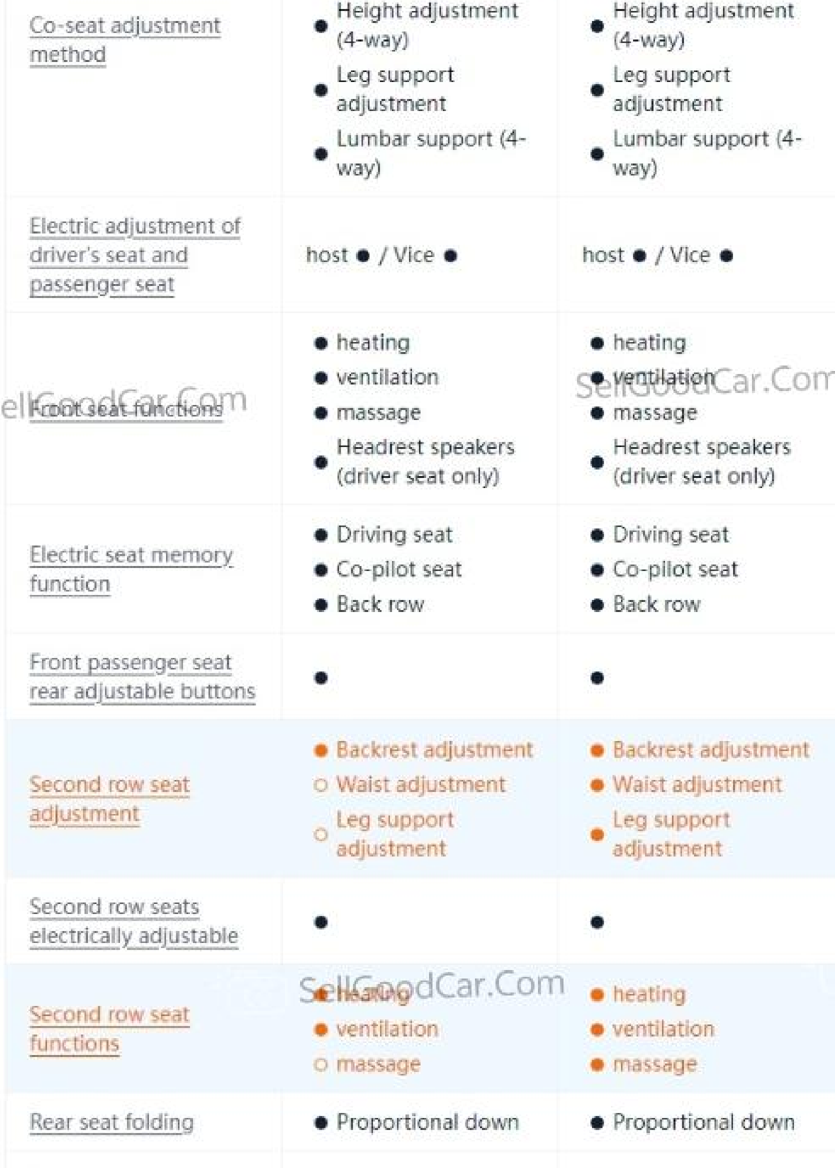

Co-seat adjustment method	● Height adjustment (4-way) ● Leg support adjustment ● Lumbar support (4-way)	● Height adjustment (4-way) ● Leg support adjustment ● Lumbar support (4-way)
Electric adjustment of driver's seat and passenger seat	host ● / Vice ●	host ● / Vice ●
Front seat functions	● heating ● ventilation ● massage ● Headrest speakers (driver seat only)	● heating ● ventilation ● massage ● Headrest speakers (driver seat only)
Electric seat memory function	● Driving seat ● Co-pilot seat ● Back row	● Driving seat ● Co-pilot seat ● Back row
Front passenger seat rear adjustable buttons	●	●
Second row seat adjustment	● Backrest adjustment ○ Waist adjustment ○ Leg support adjustment	● Backrest adjustment ● Waist adjustment ● Leg support adjustment
Second row seats electrically adjustable	●	●
Second row seat functions	● heating ● ventilation ○ massage	● heating ● ventilation ● massage
Rear seat folding	● Proportional down	● Proportional down

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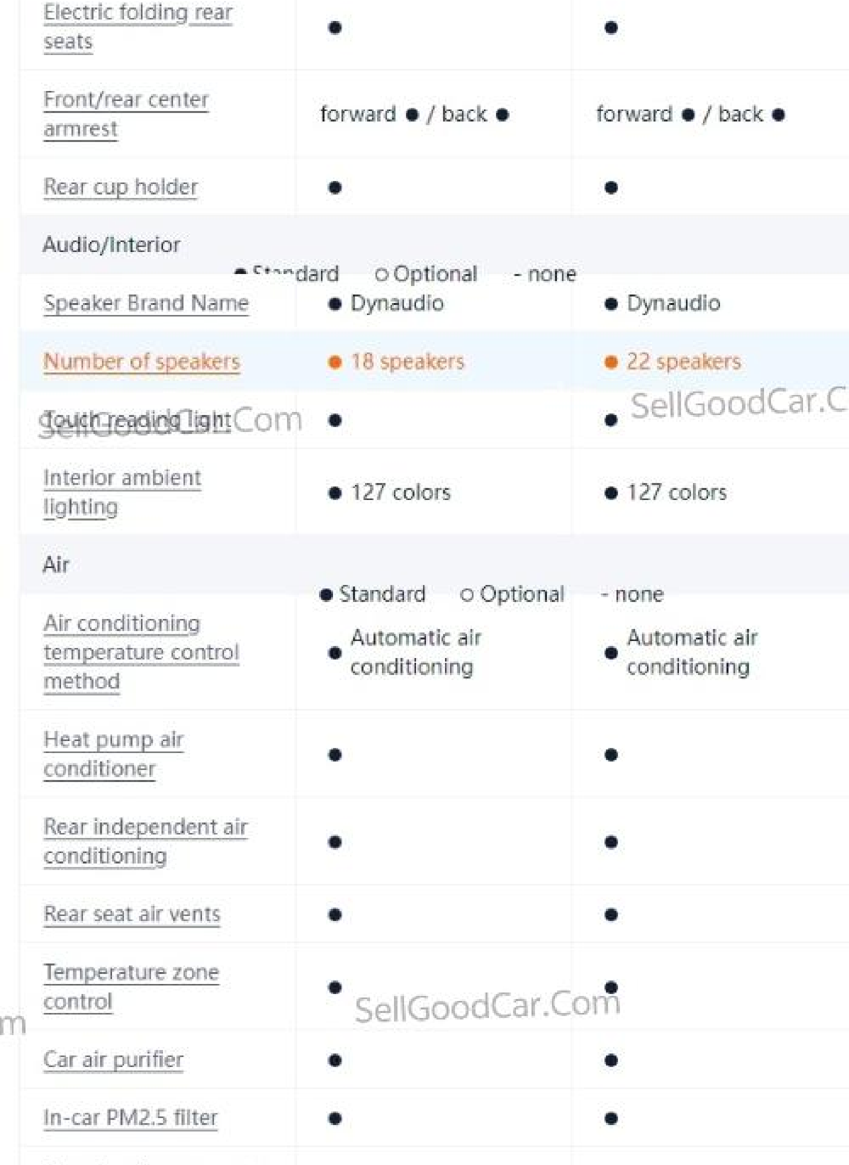

Electric folding rear seats	●	●
Front/rear center armrest	forward ● / back ●	forward ● / back ●
Rear cup holder	●	●
Audio/Interior		
Speaker Brand Name	● Dynaudio	● Dynaudio
Number of speakers	● 18 speakers	● 22 speakers
Touch reading light	●	●
Interior ambient lighting	● 127 colors	● 127 colors
Air		
Air conditioning temperature control method	● Automatic air conditioning	● Automatic air conditioning
Heat pump air conditioner	●	●
Rear independent air conditioning	●	●
Rear seat air vents	●	●
Temperature zone control	●	●
Car air purifier	●	●
In-car PM2.5 filter	●	●

● Standard ○ Optional - none

● Standard ○ Optional - none

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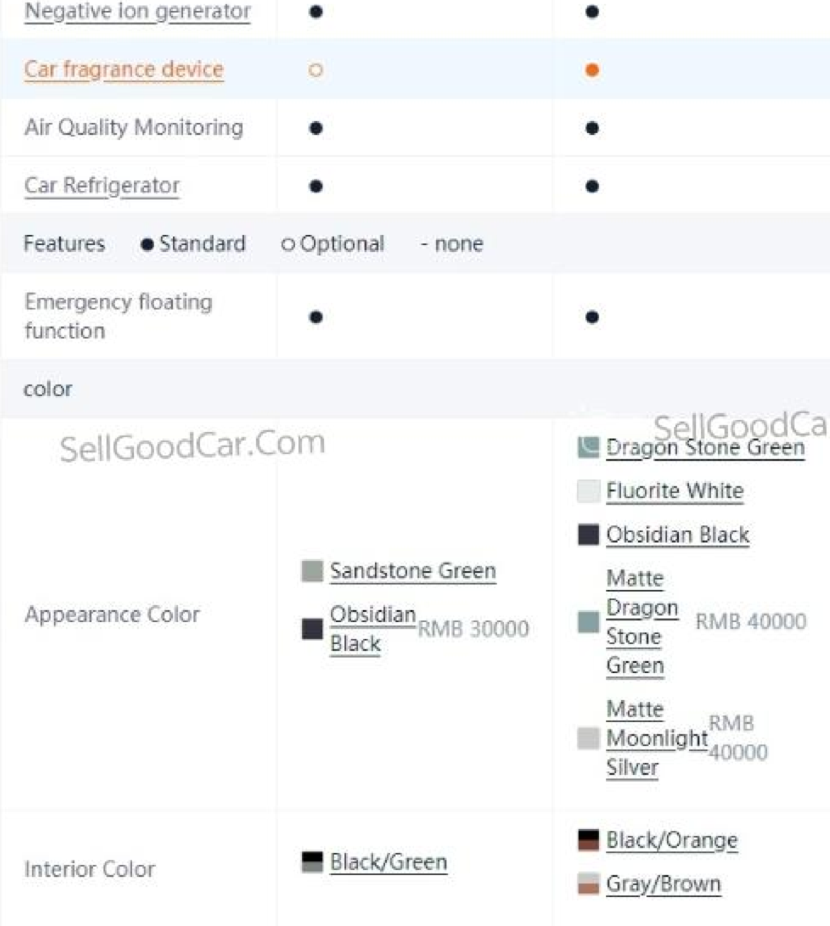

Negative ion generator	●	●
Car fragrance device	○	●
Air Quality Monitoring	●	●
Car Refrigerator	●	●
Features ● Standard ○ Optional - none		
Emergency floating function	●	●
color		
Appearance Color	■ Sandstone Green ■ Obsidian Black RMB 30000	■ Dragon Stone Green ■ Fluorite White ■ Obsidian Black ■ Matte Dragon Stone Green RMB 40000 ■ Matte Moonlight Silver RMB 40000
Interior Color	■ Black/Green	■ Black/Orange ■ Gray/Brown

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