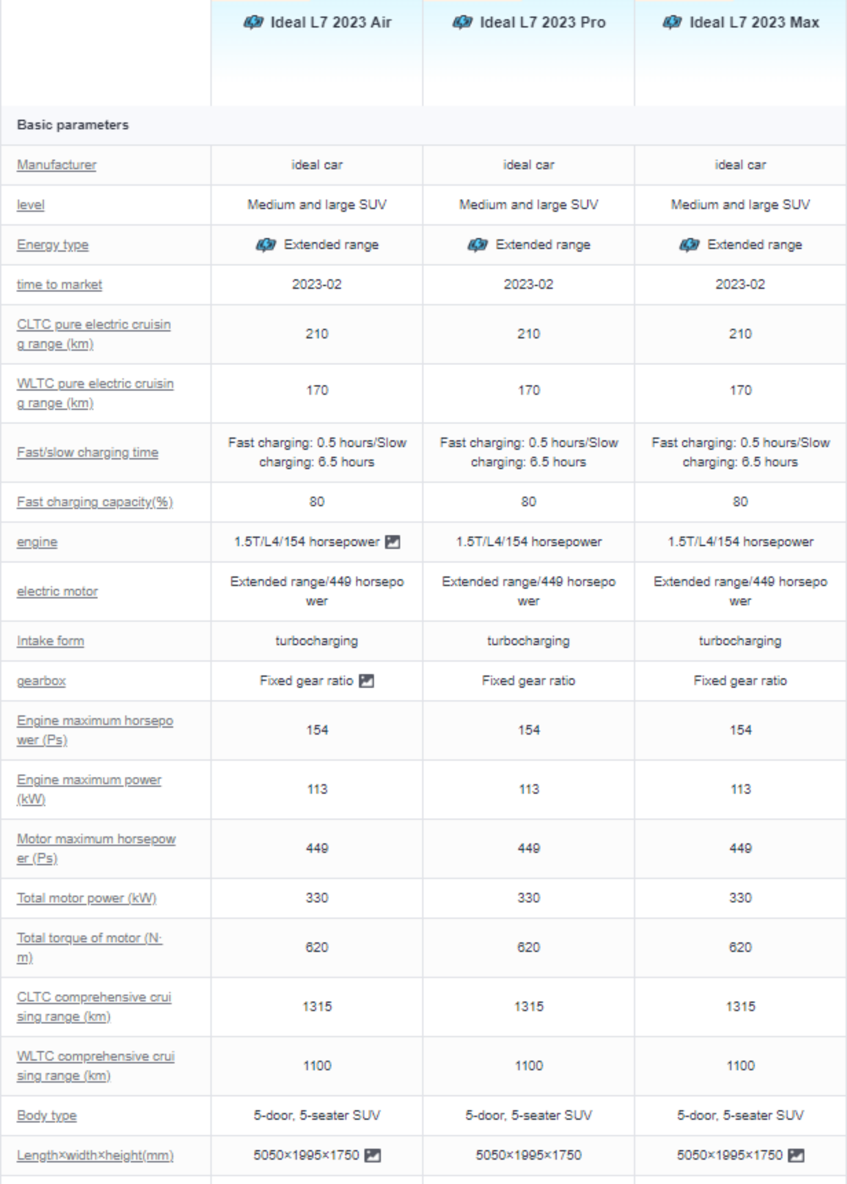


	Ideal L7 2023 Air	Ideal L7 2023 Pro	Ideal L7 2023 Max
Basic parameters			
Manufacturer	ideal car	ideal car	ideal car
level	Medium and large SUV	Medium and large SUV	Medium and large SUV
Energy type	Extended range	Extended range	Extended range
time to market	2023-02	2023-02	2023-02
CLTC pure electric cruising range (km)	210	210	210
WLTC pure electric cruising range (km)	170	170	170
Fast/slow charging time	Fast charging: 0.5 hours/Slow charging: 6.5 hours	Fast charging: 0.5 hours/Slow charging: 6.5 hours	Fast charging: 0.5 hours/Slow charging: 6.5 hours
Fast charging capacity(%)	80	80	80
engine	1.5T/L4/154 horsepower	1.5T/L4/154 horsepower	1.5T/L4/154 horsepower
electric motor	Extended range/449 horsepower	Extended range/449 horsepower	Extended range/449 horsepower
Intake form	turbocharging	turbocharging	turbocharging
gearbox	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio
Engine maximum horsepower (Ps)	154	154	154
Engine maximum power (kW)	113	113	113
Motor maximum horsepower (Ps)	449	449	449
Total motor power (kW)	330	330	330
Total torque of motor (N·m)	620	620	620
CLTC comprehensive cruising range (km)	1315	1315	1315
WLTC comprehensive cruising range (km)	1100	1100	1100
Body type	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV
Length×width×height(mm)	5050×1995×1750	5050×1995×1750	5050×1995×1750

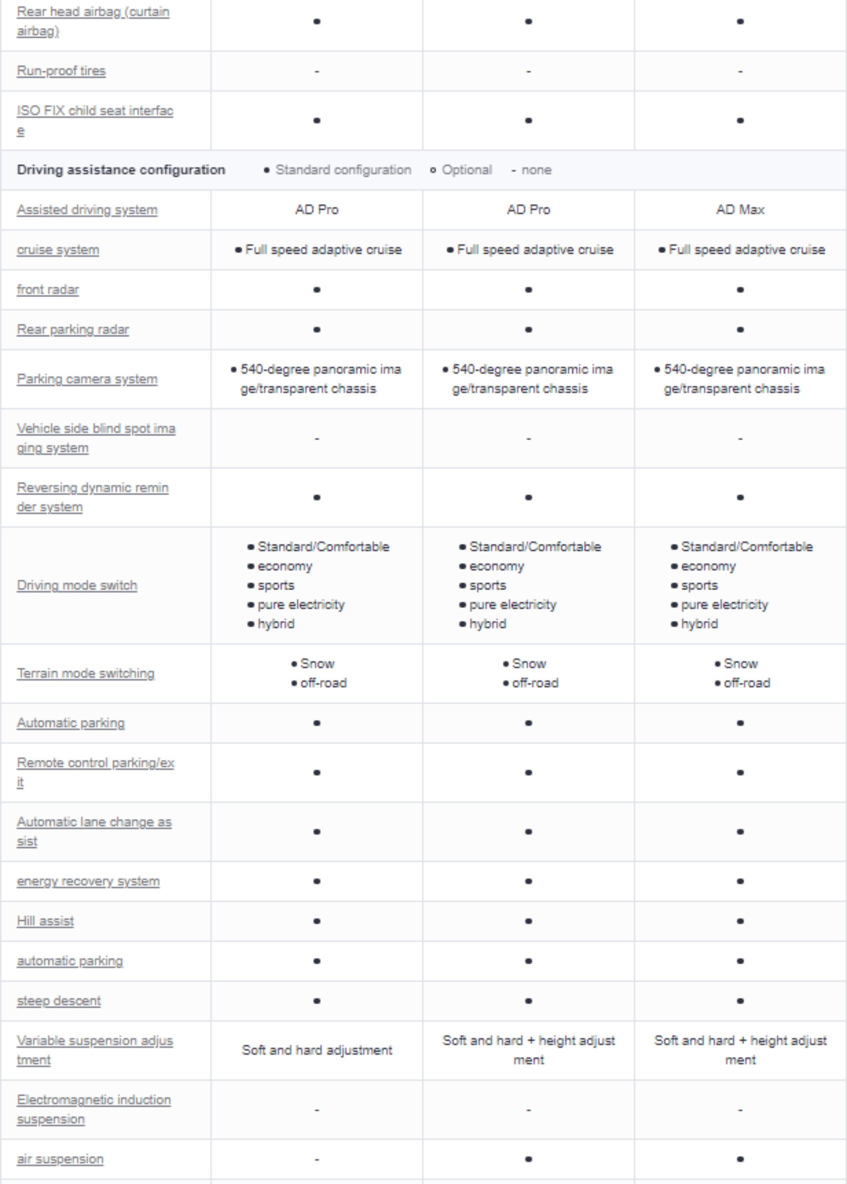
Wheelbase(mm)	3005	3005	3005
Maximum speed (km/h)	180	180	180
Official 0-100km/h acceleration (s)	5.3	5.3	5.3
B state comprehensive fuel consumption (L/100km)	7.6	7.6	7.6
Vehicle warranty	Five years or 100,000 kilometers	Five years or 100,000 kilometers	Five years or 100,000 kilometers
Battery warranty time	Eight years or 160,000 kilometers	Eight years or 160,000 kilometers	Eight years or 160,000 kilometers
Body			
Body structure	SUV	SUV	SUV
Length(mm)	5050	5050	5050
Width(mm)	1995	1995	1995
Height(mm)	1750	1750	1750
Wheelbase(mm)	3005	3005	3005
Front wheelbase/rear wheelbase (mm)	1725/1741	1725/1741	1725/1741
Minimum ground clearance (mm)	-	-	-
Minimum turning radius (m)	-	-	-
Vehicle weight (kg)	2450	2450	2460
Car door opening method	swing door	swing door	swing door
Number of doors (number)	5	5	5
Number of seats (seats)	5	5	5
Gas tank volume (L)	-	-	-
Hydrogen loading (kg)	-	-	-
Fuel tank volume (L)	65	65	65
Front trunk volume (L)	-	-	-
Trunk volume (L)	801	801	801
Maximum trunk volume (L)	-	-	-

Interior dimensions of trunk (mm)	-	-	-
drag coefficient	-	-	-
Cargo box size (mm)	-	-	-
Maximum load mass (kg)	-	-	-
Maximum full load mass (kg)	3080	3080	3080
Total mass of quasi-trailer (kg)	-	-	-
engine			
engine model	L2E15M	L2E15M	L2E15M
Displacement abbreviation (L)	1.5	1.5	1.5
Displacement (mL)	1496	1496	1496
Intake form	turbocharging	turbocharging	turbocharging
Engine layout	horizontal	horizontal	horizontal
Engine maximum horsepower (Ps)	154	154	154
Maximum power (kW)/Maximum power speed (rpm)	113/-	113/-	113/-
Cylinder arrangement	inline	inline	inline
Number of cylinders (number)	4	4	4
Number of valves per cylinder (number)	4	4	4
Air Supply	DOHC	DOHC	DOHC
fuel grade	No. 95 (formerly No. 97)	No. 95 (formerly No. 97)	No. 95 (formerly No. 97)
Fuel supply method	direct injection	direct injection	direct injection
Cylinder head material	Aluminum alloy	Aluminum alloy	Aluminum alloy
Cylinder material	Aluminum alloy	Aluminum alloy	Aluminum alloy
Emission Standards	Country VI	Country VI	Country VI
Motor/battery			
Motor type	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization

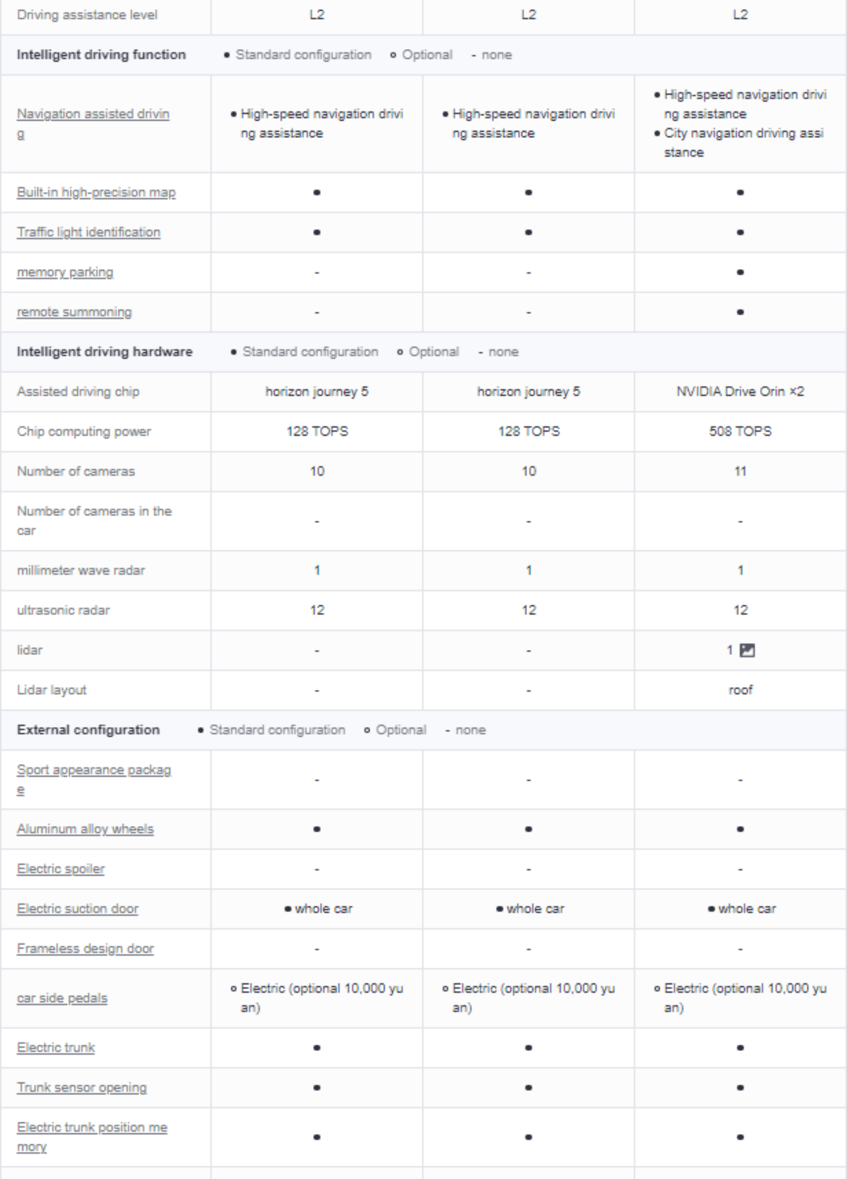
Motor maximum horsepower (Ps)	449	449	449
Total motor power (kW)	330	330	330
Total torque of motor (N·m)	620	620	620
Maximum power of front electric motor (kW)	130	130	130
Maximum torque of front electric motor (N·m)	220	220	220
Maximum power of rear electric motor (kW)	200	200	200
Maximum torque of rear electric motor (N·m)	400	400	400
Number of drive motors	Dual motor	Dual motor	Dual motor
Motor layout	Front + rear	Front + rear	Front + rear
System comprehensive power (Ps)	449	449	449
System comprehensive power (kW)	330	330	330
System comprehensive torque (N·m)	620	620	620
CLTC pure electric cruising range (km)	210	210	210
WLTC pure electric cruising range (km)	170	170	170
CLTC comprehensive cruising range (km)	1315	1315	1315
WLTC comprehensive cruising range (km)	1100	1100	1100
Battery Type	Ternary lithium battery	Ternary lithium battery	Ternary lithium battery
Battery brand	hive energy	Ningde era	Ningde era
Battery cooling method	liquid cooling	liquid cooling	liquid cooling
Exchange battery	not support	not support	not support
Battery capacity (kWh)	40.9	40.9	40.9
Battery warranty time	Eight years or 160,000 kilometers	Eight years or 160,000 kilometers	Eight years or 160,000 kilometers
Battery charging time	Fast charging: 0.5 hours/Slow charging: 6.5 hours	Fast charging: 0.5 hours/Slow charging: 6.5 hours	Fast charging: 0.5 hours/Slow charging: 6.5 hours

Fast charging power (kW)	75	75	75
Fast charging capacity(%)	80	80	80
Home charging pile	have	have	have
Brand self-operated charging station	have	have	have
gearbox			
Number of gears	1	1	1
Gearbox type	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio
chassis steering			
Drive mode	Dual motor four-wheel drive	Dual motor four-wheel drive	Dual motor four-wheel drive
four-wheel drive	Electric four-wheel drive	Electric four-wheel drive	Electric four-wheel drive
Center differential structure	-	-	-
Front suspension type	Double wishbone independent suspension	Double wishbone independent suspension	Double wishbone independent suspension
rear suspension type	Five-link independent suspension	Five-link independent suspension	Five-link independent suspension
Power steering type	electric assist	electric assist	electric assist
Body structure	Load-bearing	Load-bearing	Load-bearing
wheel brake			
Front brake type	ventilated disc	ventilated disc	ventilated disc
rear brake type	ventilated disc	ventilated disc	ventilated disc
Parking brake type	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	255/50 R20	255/50 R20	255/50 R20
Rear tire specifications	255/50 R20	255/50 R20	255/50 R20
Spare tire specifications	Tire repair tool only	Tire repair tool only	Tire repair tool only
Off-road performance			
Approach angle (°)	19	19	19
Departure angle (°)	twenty one	twenty one	twenty one
Active security configuration	● Standard configuration ○ Optional - none		
ABS anti-lock	●	●	●

Braking force distribution (EBD/CBC, etc.)	●	●	●
Brake assist (EBA/BAS/BA, etc.)	●	●	●
Traction control (ASR/TCS/TRC, etc.)	●	●	●
Body stability control (ESP/DSC/ESC, etc.)	●	●	●
Anti-roll stabilization system (RSC/ARP/ERM, etc.)	●	●	●
Tire pressure monitoring device	● Tire pressure display	● Tire pressure display	● Tire pressure display
Seat belt not fastened reminder	● whole car	● whole car	● whole car
Parallel assistance	●	●	●
Lane Departure Warning System	●	●	●
Lane Keeping Assist System	●	●	●
Lane centering	●	●	●
Active braking/active safety system	●	●	●
Road traffic sign recognition	●	●	●
Fatigue driving tips	●	●	●
night vision system	-	-	-
DOW opening warning	●	●	●
forward collision warning	●	●	●
rear collision warning	●	●	●
Passive safety configuration	● Standard configuration ○ Optional - none		
Driver's seat airbag	●	●	●
Passenger airbag	●	●	●
Front side airbag	●	●	●
rear side airbag	●	●	●
Front head airbag (curtain airbag)	●	●	●



Rear head airbag (curtain airbag)	●	●	●
Run-proof tires	-	-	-
ISO FIX child seat interface	●	●	●
Driving assistance configuration	● Standard configuration	○ Optional	- none
Assisted driving system	AD Pro	AD Pro	AD Max
cruise system	● Full speed adaptive cruise	● Full speed adaptive cruise	● Full speed adaptive cruise
front radar	●	●	●
Rear parking radar	●	●	●
Parking camera system	● 540-degree panoramic image/transparent chassis	● 540-degree panoramic image/transparent chassis	● 540-degree panoramic image/transparent chassis
Vehicle side blind spot imaging system	-	-	-
Reversing dynamic reminder system	●	●	●
Driving mode switch	● Standard/Comfortable ● economy ● sports ● pure electricity ● hybrid	● Standard/Comfortable ● economy ● sports ● pure electricity ● hybrid	● Standard/Comfortable ● economy ● sports ● pure electricity ● hybrid
Terrain mode switching	● Snow ● off-road	● Snow ● off-road	● Snow ● off-road
Automatic parking	●	●	●
Remote control parking/exit	●	●	●
Automatic lane change assist	●	●	●
energy recovery system	●	●	●
Hill assist	●	●	●
automatic parking	●	●	●
steep descent	●	●	●
Variable suspension adjustment	Soft and hard adjustment	Soft and hard + height adjustment	Soft and hard + height adjustment
Electromagnetic induction suspension	-	-	-
air suspension	-	●	●



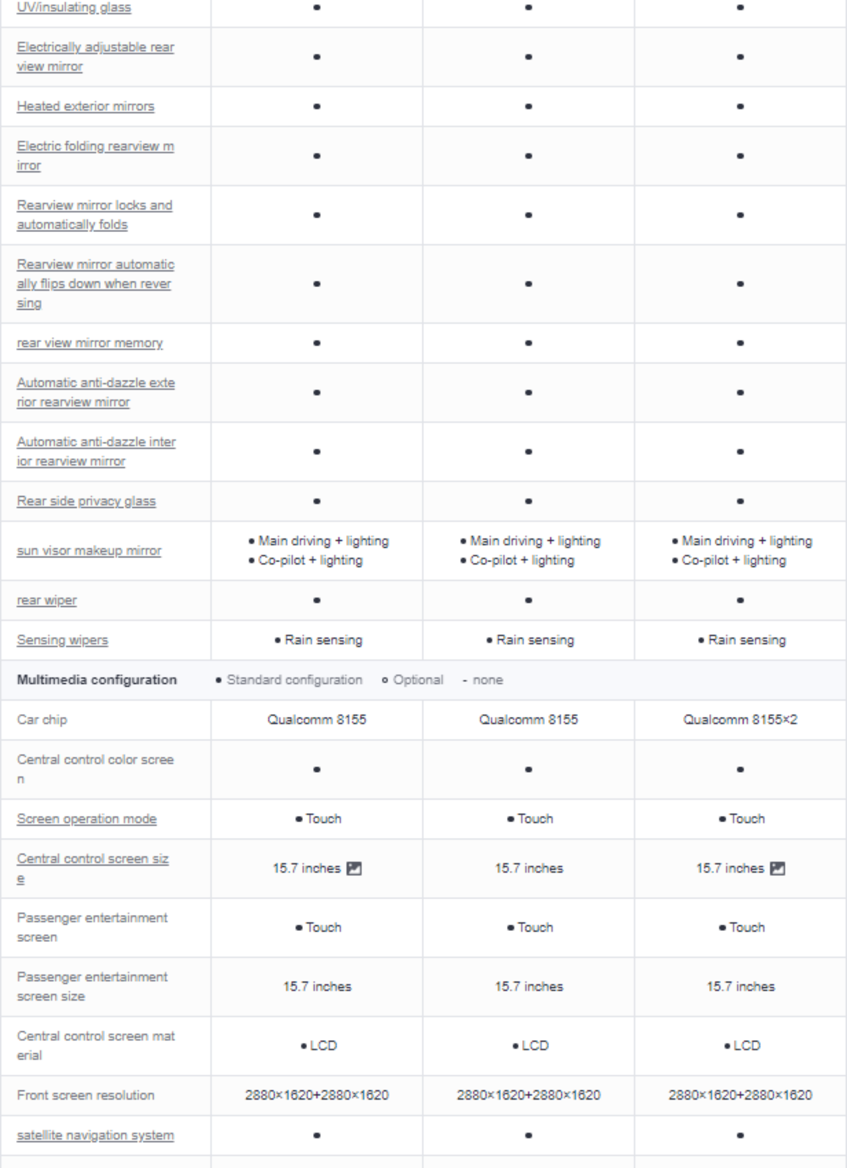
Driving assistance level	L2	L2	L2
Intelligent driving function	● Standard configuration ○ Optional - none		
Navigation assisted driving	● High-speed navigation driving assistance	● High-speed navigation driving assistance	● High-speed navigation driving assistance ● City navigation driving assistance
Built-in high-precision map	●	●	●
Traffic light identification	●	●	●
memory parking	-	-	●
remote summoning	-	-	●
Intelligent driving hardware	● Standard configuration ○ Optional - none		
Assisted driving chip	horizon journey 5	horizon journey 5	NVIDIA Drive Orin ×2
Chip computing power	128 TOPS	128 TOPS	508 TOPS
Number of cameras	10	10	11
Number of cameras in the car	-	-	-
millimeter wave radar	1	1	1
ultrasonic radar	12	12	12
lidar	-	-	1
Lidar layout	-	-	roof
External configuration	● Standard configuration ○ Optional - none		
Sport appearance package	-	-	-
Aluminum alloy wheels	●	●	●
Electric spoiler	-	-	-
Electric suction door	● whole car	● whole car	● whole car
Frameless design door	-	-	-
car side pedals	○ Electric (optional 10,000 yuan)	○ Electric (optional 10,000 yuan)	○ Electric (optional 10,000 yuan)
Electric trunk	●	●	●
Trunk sensor opening	●	●	●
Electric trunk position memory	●	●	●

Openable rear windshield	-	-	-
roof rack	-	-	-
Hidden electric door handle	●	●	●
Active air intake grille	●	●	●
Battery preheating	●	●	●
external discharge	●	●	●
Maximum external discharge power	3.5kW	3.5kW	3.5kW
Low speed warning	●	●	●
Internal configuration	● Standard configuration ○ Optional - none		
Steering wheel material	● Genuine Leather	● Genuine Leather	● Genuine Leather
Steering wheel adjustment range	Up and down + front and back	Up and down + front and back	Up and down + front and back
Electric steering wheel adjustment	●	●	●
Shift pattern	Electronic gear shifting	Electronic gear shifting	Electronic gear shifting
Multifunction steering wheel	●	●	●
steering wheel paddles	-	-	-
Steering wheel heating	●	●	●
steering wheel memory	●	●	●
LCD instrument panel displays information	● Driving information	● Driving information	● Driving information
Full LCD instrument panel	●	●	●
LCD instrument panel size	4.82 inches	4.82 inches	4.82 inches
HUD heads up digital display	●	●	●
Vehicle driving recorder	●	●	●
Mobile phone wireless charging	● Front row×2	● Front row×2	● Front row×2
Mobile phone wireless charging power	15W	15W	15W
Electrically adjustable pedals	-	-	-

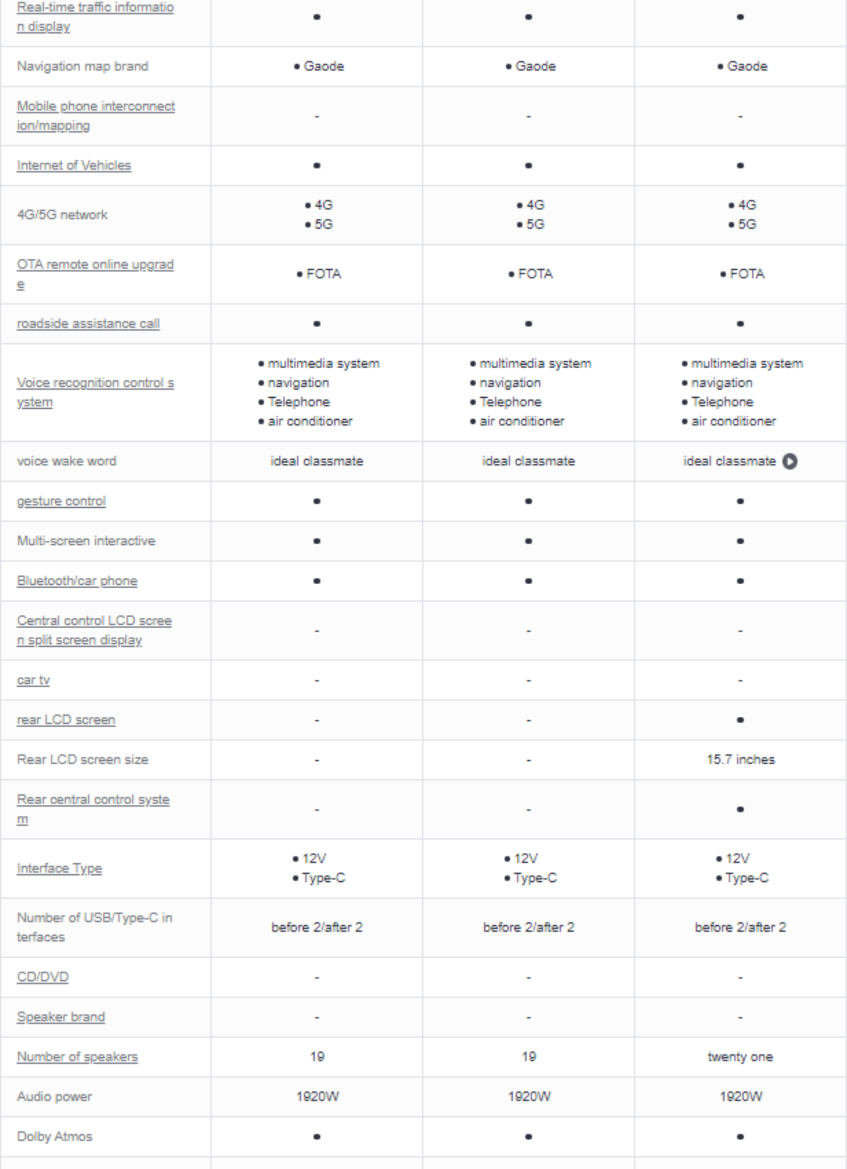
Power supply inside/outside the car ● Standard configuration ○ Optional - none			
12V power interface in trunk	●	●	●
220V/230V power supply	●	●	●
Anti-theft configuration ● Standard configuration ○ Optional - none			
Engine electronic anti-theft	●	●	●
Central locking in car	●	●	●
Key type	● remote key ● Bluetooth key	● remote key ● Bluetooth key	● remote key ● Bluetooth key
remote start	●	●	●
Keyless start system	●	●	●
Keyless entry system	● whole car	● whole car	● whole car
Sentry mode/clairvoyance	●	●	●
Seat configuration ● Standard configuration ○ Optional - none			
seat material	Genuine Leather	Genuine Leather	Genuine Leather
Sports style seats	-	-	-
Front seat height adjustment	● front row	● front row	● front row
Front seat cushion angle adjustment	● front row	● front row	● front row
Front seat cushion length adjustment	-	-	-
Front lumbar support adjustment	● front row	● front row	● front row
Front backrest adjustment	-	-	-
Front seat leg rest adjustment	-	-	-
Electric driver's seat adjustment	●	●	●
Electrically adjustable passenger seat	●	●	●
Passenger seat rear row electrically adjustable	●	●	●

Second row seat adjustment	• Backrest adjustment • Fore and aft adjustment • Lumbar support adjustment	• Backrest adjustment • Fore and aft adjustment • Lumbar support adjustment	• Backrest adjustment • Fore and aft adjustment • Lumbar support adjustment
Electrically adjustable second row seats	●	●	●
Power seat memory	● Driver's seat	● Driver's seat	● Driver's seat
Steering wheel/seat for comfortable entry and exit	●	●	●
Heated front seats	●	●	●
Heated second row seats	●	●	●
Ventilated front seats	●	●	●
Ventilated second row seats	●	●	●
Front seat massage	●	●	●
Second row seat massage	●	●	●
Rear seats fold down	Proportions tipped down	Proportions tipped down	Proportions tipped down
Electrically reclining rear seats	●	●	●
Seat layout	-	-	-
Front seat center armrest	●	●	●
Rear seat center armrest	●	●	●
Rear cup holder	●	●	●
Air conditioning configuration	● Standard configuration ○ Optional - none		
Air conditioning adjustment method	● automatic	● automatic	● automatic
Temperature zone control	● Third District	● Third District	● Third District
Independent air conditioning in the rear	●	●	●
Rear seat air outlet	●	●	●
In-car PM2.5 filter device	●	●	●
Car air purifier	●	●	●
negative ion generator	-	-	-
Car fragrance device	-	-	-

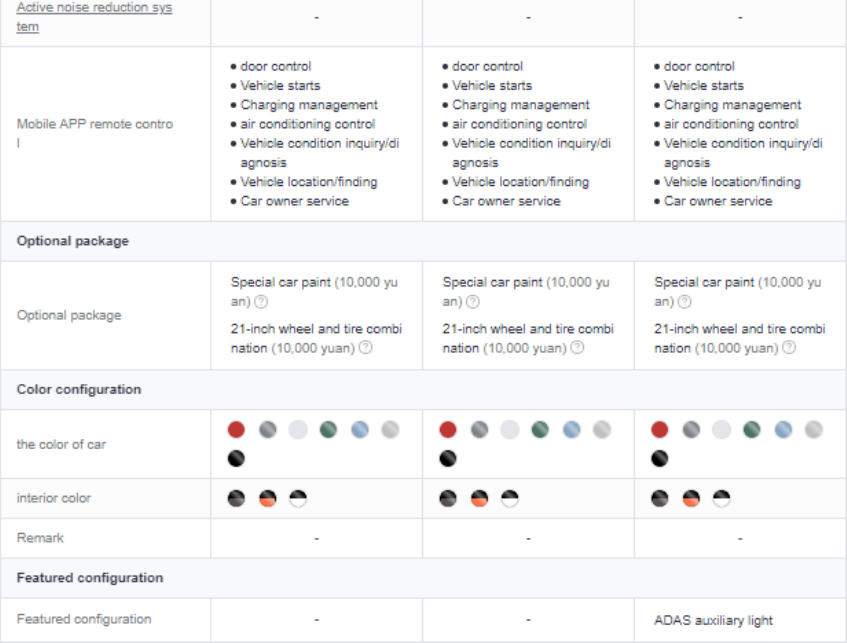
Glove box/armrest box air conditioning outlet	-	-	-
car refrigerator	-	-	-
Lighting configuration	● Standard configuration ○ Optional - none		
Low beam light source	led	led	led
high beam light source	led	led	led
Special structure of headlights	-	-	-
Adaptive high and low beam lights	●	●	●
daytime running lights	●	●	●
automatic headlight	●	●	●
Turn assist light	●	●	●
Adaptive headlights (AFS)	-	-	-
Front fog lights	-	-	-
Headlight rain and fog mode	-	-	-
Headlight height adjustable	●	●	●
Headlight cleaning device	-	-	-
Delayed turn off of headlights	●	●	●
touch reading light	●	●	●
Car interior ambient light	● 256 colors	● 256 colors	● 256 colors
glass/rear view mirror	● Standard configuration ○ Optional - none		
Skylight type	● Double skylights cannot be opened	● Double skylights cannot be opened	● Double skylights cannot be opened
electric windows	● whole car	● whole car	● whole car
One-touch window raising/lowering	● whole car	● whole car	● whole car
Window anti-pinch function	● whole car	● whole car	● whole car
Multilayer soundproof glass	● front windshield ● front window ● rear window	● front windshield ● front window ● rear window	● front windshield ● front window ● rear window



UV/insulating glass	●	●	●
Electrically adjustable rear view mirror	●	●	●
Heated exterior mirrors	●	●	●
Electric folding rearview mirror	●	●	●
Rearview mirror locks and automatically folds	●	●	●
Rearview mirror automatically flips down when reversing	●	●	●
rear view mirror memory	●	●	●
Automatic anti-dazzle exterior rearview mirror	●	●	●
Automatic anti-dazzle interior rearview mirror	●	●	●
Rear side privacy glass	●	●	●
sun visor makeup mirror	● Main driving + lighting ● Co-pilot + lighting	● Main driving + lighting ● Co-pilot + lighting	● Main driving + lighting ● Co-pilot + lighting
rear wiper	●	●	●
Sensing wipers	● Rain sensing	● Rain sensing	● Rain sensing
Multimedia configuration	● Standard configuration ○ Optional - none		
Car chip	Qualcomm 8155	Qualcomm 8155	Qualcomm 8155×2
Central control color screen	●	●	●
Screen operation mode	● Touch	● Touch	● Touch
Central control screen size	15.7 inches	15.7 inches	15.7 inches
Passenger entertainment screen	● Touch	● Touch	● Touch
Passenger entertainment screen size	15.7 inches	15.7 inches	15.7 inches
Central control screen material	● LCD	● LCD	● LCD
Front screen resolution	2880×1620+2880×1620	2880×1620+2880×1620	2880×1620+2880×1620
satellite navigation system	●	●	●



Real-time traffic information display	●	●	●
Navigation map brand	• Gaode	• Gaode	• Gaode
Mobile phone interconnection/mapping	-	-	-
Internet of Vehicles	●	●	●
4G/5G network	• 4G • 5G	• 4G • 5G	• 4G • 5G
OTA remote online upgrade	• FOTA	• FOTA	• FOTA
roadside assistance call	●	●	●
Voice recognition control system	• multimedia system • navigation • Telephone • air conditioner	• multimedia system • navigation • Telephone • air conditioner	• multimedia system • navigation • Telephone • air conditioner
voice wake word	ideal classmate	ideal classmate	ideal classmate
gesture control	●	●	●
Multi-screen interactive	●	●	●
Bluetooth/car phone	●	●	●
Central control LCD screen split screen display	-	-	-
car tv	-	-	-
rear LCD screen	-	-	●
Rear LCD screen size	-	-	15.7 inches
Rear central control system	-	-	●
Interface Type	• 12V • Type-C	• 12V • Type-C	• 12V • Type-C
Number of USB/Type-C interfaces	before 2/after 2	before 2/after 2	before 2/after 2
CD/DVD	-	-	-
Speaker brand	-	-	-
Number of speakers	19	19	twenty one
Audio power	1920W	1920W	1920W
Dolby Atmos	●	●	●



Active noise reduction system	-	-	-
Mobile APP remote control	• door control • Vehicle starts • Charging management • air conditioning control • Vehicle condition inquiry/diagnosis • Vehicle location/finding • Car owner service	• door control • Vehicle starts • Charging management • air conditioning control • Vehicle condition inquiry/diagnosis • Vehicle location/finding • Car owner service	• door control • Vehicle starts • Charging management • air conditioning control • Vehicle condition inquiry/diagnosis • Vehicle location/finding • Car owner service
Optional package			
Optional package	Special car paint (10,000 yuan) ? 21-inch wheel and tire combination (10,000 yuan) ?	Special car paint (10,000 yuan) ? 21-inch wheel and tire combination (10,000 yuan) ?	Special car paint (10,000 yuan) ? 21-inch wheel and tire combination (10,000 yuan) ?
Color configuration			
the color of car	● ● ● ● ● ● ●	● ● ● ● ● ● ●	● ● ● ● ● ● ●
interior color	● ● ●	● ● ●	● ● ●
Remark	-	-	-
Featured configuration			
Featured configuration	-	-	ADAS auxiliary light