

	🚗 Ideal L9 2023 Pro	🚗 Ideal L9 2022 Max
Basic parameters		
Manufacturer	ideal car	ideal car
Level	Large SUV	Large SUV
Energy type	🔋🔌Extended range	🔋🔌Extended range
Time to market	2023-08	2022-06
CLTC pure electric cruising range (km)	215	215
WLTC pure electric cruising range (km)	175	175
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 capacity(%)	80	80
engine	1.5T/L4/154 horsepower🔌	1.5T/L4/154 horsepower🔌
electric motor	Extended range/449 horsepower	Extended range/449 horsepower
Intake form	turbocharging	turbocharging
gearbox	Fixed gear ratio🔌	Fixed gear ratio🔌
Engine maximum horsepower (Ps)	154	154
Engine maximum torque (kN·m)	113	113🔌
Motor maximum horsepower (Ps)	449	449
Total motor power (kW)	330	330🔌
Total torque of motor (N·m)	620	620
WLTC comprehensive cruising range (km)	1100	1100
Body type	5-door, 6-seater SUV	5-door, 6-seater SUV
Length*width*height(mm)	5218*1998*1800🔌	5218*1998*1800🔌
Wheelbase(mm)	3105🔌	3105🔌
Maximum speed (km/h)	180	180
Official 0-100km/h acceleration (s)	5.3	5.3
Actual measured 0-100km/h acceleration (s)	-	5.23
Actual measurement of 10 0-90km/h braking (m)	-	37.05
WLTC comprehensive fuel consumption (L/100km)	0.88	0.88
State comprehensive fuel consumption (L/100km)	7.8	7.8
Electric energy equivalent fuel consumption (L/100km)	2.51	2.51
Actual measured vehicle speed 60km/h (dB)	-	38.2
Actual measured vehicle speed 90km/h ambient noise (dB)	-	57.1
Actual measured vehicle speed 90km/h ambient noise (dB)	-	61.4
Actual measured vehicle speed 120km/h ambient noise (dB)	-	64.7
Body		
Body structure	SUV	SUV
Length(mm)	5218	5218
Width(mm)	1998	1998
Height(mm)	1800	1800
Wheelbase(mm)	3105🔌	3105🔌
Front wheelbase/rear wheelbase (mm)	1725/1741	1725/1741
Minimum ground clearance (mm)	-	-
Minimum turning radius (m)	-	-
Vehicle weight (kg)	-	2520
Car door opening method	swing door	swing door
Number of doors (number)	5	5
Number of seats (seats)	6	6
Gas tank volume (L)	-	-
Hydrogen loading (kg)	-	-
Fuel tank volume (L)	65🔌	65🔌
Front trunk volume (L)	-	-
Trunk volume (L)	332🔌	332🔌
Maximum trunk volume (L)	1191 (seat folded down)	1191 (seat folded down)
Interior dimensions of trunk (mm)	-	-
drag coefficient	0.3	0.3
Cargo box size (mm)	-	-
Maximum load mass (kg)	-	-
Maximum full load mass (kg)	-	3120
Total mass of quasi-trailer (kg)	-	-
engine		
engine model	L2E15M	L2E15M
Displacement abbreviation (L)	1.5	1.5
Displacement (mL)	1496	1496
Intake form	turbocharging	turbocharging
Engine layout	horizontal	horizontal
Engine maximum horsepower (Ps)	154	154
Maximum power (kW/Maximum power speed (rpm))	113:-	113:-🔌
Cylinder arrangement	inline	inline
Number of cylinders (number)	4	4
Number of valves per cylinder (number)	4	4
Air Supply	DOHC	DOHC
Fuel grade	No. 95 (formerly No. 97)🔌	No. 95 (formerly No. 97)🔌
Fuel supply method	direct injection	direct injection
Cylinder head material	Aluminum alloy	Aluminum alloy
Cylinder material	Aluminum alloy	Aluminum alloy
Emission Standards	Country VI	Country VI
Motor/battery		
Motor type	Permanent magnet synchronous	Permanent magnet synchronous
Motor maximum horsepower (Ps)	449	449
Total motor power (kW)	330	330🔌
Total torque of motor (N·m)	620	620
Maximum power of front electric motor (kW)	130	130
Maximum torque of front electric motor (N·m)	220	220
Maximum power of rear electric motor (kW)	200	200
Maximum torque of rear electric motor (N·m)	400	400
Number of drive motors	Dual motor	Dual motor
Motor layout	Front + rear	Front + rear
System comprehensive power (Ps)	449	449
System comprehensive power (kW)	330	330
System comprehensive torque (N·m)	620	620
CLTC pure electric cruising range (km)	215	215
WLTC pure electric cruising range (km)	175	175
WLTC comprehensive cruising range (km)	1100	1100
Battery Type	Ternary lithium battery	Ternary lithium battery
Battery brand	Ningde era	Ningde era
Battery cooling method	liquid cooling	liquid cooling
Exchange battery	not support	not support
Battery capacity (kWh)	44.5	44.5
Electricity consumption (kWh/100 kilometers (kWh/100 km))	22.2	22.2
Battery warranty time	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 power (kW)	75	75
Fast charging capacity(%)	80	80
Home charging pile	have	have
Brand self-operated charging station	have	have
gearbox		
Number of gears	1	1
Gearbox type	Fixed gear ratio🔌	Fixed gear ratio🔌
chassis/steering		
Drive mode	Dual motor four-wheel drive	Dual motor four-wheel drive
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🔌
rear suspension type	Five-link independent suspension🔌	Five-link independent suspension🔌
Power steering type	electric assist	electric assist
Body structure	Load-bearing	Load-bearing
wheel brake		
Front brake type	ventilated disc🔌	ventilated disc🔌
rear brake type	ventilated disc🔌	ventilated disc🔌
Parking brake type	Electronic parking	Electronic parking🔌
Front tire specifications	265/45 R21🔌	265/45 R21🔌
Rear tire specifications	265/45 R21🔌	265/45 R21🔌
Spare tire specifications	Tire repair tool only	Tire repair tool only
Off-road performance		
Approach angle (°)	19	19
Braking force distribution (EBD/CBC, etc.)	●	●
Brake assist (EBA/BA/ABS, etc.)	●	●
Traction control (ASR/TC, etc.)	●	●
Body stability control (ESP/ESC, etc.)	●	●
Anti-roll stabilization system (RSC/RP/ERM, etc.)	●	●
Tire pressure monitoring device	● Tire pressure display	● Tire pressure display
Seat belt not fastened reminder	●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-roof lines	-	-
ISO FIX child seat interface	●	●
Driving assistance configuration		
Assisted driving system	AD Pro	AD Max
cruise system	● 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
Vehicle side blind spot image system	-	-
Reversing dynamic reminder system	●	●
Driving mode switch	● Standard/Comfortable ● sports ● pure electricity ● hybrid	● Standard/Comfortable ● sports ● pure electricity ● hybrid
Terrain mode switching	● 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 + height adjustment	Soft and hard + height adjustment
Electromagnetic induction suspension	-	-
air suspension	-	-
Driving assistance level	L2	L2
Intelligent driving function		
Navigation assisted driving	● High-speed navigation driving assistance	● High-speed navigation driving assistance
Built-in high-precision map	●	●
Traffic light identification	●	●
memory parking	-	-
intelligent parking	●	●
Intelligent driving hardware		
Assisted driving chip	horizon journey 5	NVIDIA Drive Orin ×2
Chip computing power	128 TOPS	508 TOPS
Number of cameras	10	11
millimeter wave radar	1	1
ultrasonic radar	12	12
lidar	-	1🔌
Lidar layout	-	roof
External configuration		
Roof appearance packages	-	-
Aluminum alloy wheels	●	●
Electric spoiler	-	-
Electric suction door	●whole car	●whole car
Frameless design door	-	-
car side pedals	● Electric (optional 10,000 yuan)	● Electric (optional 10,000 yuan)
Electric trunk	●	●
Trunk sensor opening	●	●
Electric trunk position memory	●	●
Cleanable rear windshield	-	-
roof rack	-	-
Hidden electric door handle	●	●
Active air intake grille	●	●
Battery preheating	●	●
external discharge	●	●
Maximum external discharge power	3.5kW	3.5kW
Low speed warning	●	●
Internal configuration		
Steering wheel material	● Genuine Leather	● Genuine Leather
Steering wheel adjustment range	Up and down + front and back	Up and down + front and back🔌
Electric steering wheel adjustment	●	●
Shift pattern	Electronic gear shifting🔌	Electronic gear shifting🔌
Multifunction steering wheel	●	●
steering wheel paddles	-	-
Steering wheel heating	●	●
steering wheel memory	●	●
LCD instrument panel display information	● Driving information	● Driving information
Full LCD instrument panel	●	●
LCD instrument panel size	4.82 inches🔌	4.82 inches🔌
HUD heads up digital display	●	●
Vehicle driving recorder	●	●
Mobile phone wireless charging	● Front row×2	● Front row×2
Mobile phone wireless charging power	15W	15W
Electrically adjustable pedals	-	-
Power supply inside/outside the car		
12V power interface in trunk	●	●
220V/230V power supply	●	●
Anti-theft configuration		
Engine electronic anti-theft	●	●
Central locking in car	●	●
Key type	● remote key ● Bluetooth key	● remote key ● Bluetooth key
remote start	●	●
Keyless start system	●	●
Keyless entry system	●whole car	●whole car
Sentry mode/claivoance	●	●
Seat configuration		
seat material	Genuine Leather🔌	Genuine Leather🔌
Sports style seats	-	-
Front seat height adjustment	●front row	●front row
Front seat cushion angle adjustment	●front row	●front row
Front seat cushion length adjustment	-	-
Front lumbar support adjustment	●front row	●front row
Front backrest adjustment	-	-
Front seat leg rest adjustment	-	-
Electric driver's seat adjustment	●	●
Electrically adjustable passenger seat	●	●
Passenger seat rear view electrically adjustable	●	●
Second row seat adjustment	● Backrest adjustment ● Fore and aft adjustment ● Leg rest adjustment ● Lumbar support adjustment	● Backrest adjustment ● Fore and aft adjustment ● Leg rest adjustment ● Lumbar support adjustment
Electrically adjustable second row seats	●	●
Rear small table	●	●
Third row seat adjustment	● Backrest adjustment	● Backrest adjustment
Electrically adjustable third row seats	●	●
Power seat memory	● Driver's seat	● Driver's seat
Steering wheel/seat for comfortable entry and exit	●	●
Heated front seats	●	●
Heated second row seats	●	●
Heated third 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
Electrically reclining rear seats	●	●
Second row independent seats	●2+2	●
Seat layout	2+2+2	2+2+2
Front seat center armrest	●	●
Rear seat center armrest	●	●
Rear cup holder	●	●
Air conditioning configuration		
Air conditioning adjustment method	● automatic	● automatic
Temperature zone control	● 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		
Low beam light source	led🔌	led🔌
high beam light source	led🔌	led🔌
Special structure of headlights	-	-
Adaptive high and low beam mix	●	●
daytime running lights	●	●
automatic headlight	●	●
Turn assist light	●	●
Adaptive headlights (AFS)	-	-
Front fog lights	-	-
Headlight rain and fog mode	-	-
Headlight height adjustment	●	●
Headlight cleaning device	-	-
Delayed turn off of headlights	●	●
touch reading light	●	●
Car interior ambient light	● 256 colors	● 256 colors
glass/rear view mirror		
Skylight type	● Standard configuration ● Double skylights cannot be opened	● Optional - none ● Double skylights cannot be opened
electric windows	●whole car	●whole car
One-touch window raising/lowering	●whole car	●whole car
Window anti-pinch function	●whole car	●whole car
Multi-layer soundproof glass	● 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 folds down when reversing	●	●
rear view mirror memory	●	●
Automatic anti-dazzle exterior rearview mirror	●	●
Rear side privacy glass	●	●
sun visor/makeup mirror	● Main driving + lighting ● Co-pilot + lighting	● Main driving + lighting ● Co-pilot + lighting
rear wiper	●	●
Sensing wipers	● Rain sensing	● Rain sensing
Multimedia configuration		
Car chip	Qualcomm 8155×2	Qualcomm 8155×2
Central control color screen	●	●
Screen operation mode	● Touch	● Touch
Central control screen size	15.7 inches🔌	15.7 inches🔌
Passenger entertainment screen	● Touch	● Touch
Passenger entertainment screen size	15.7 inches	15.7 inches
Central control screen material	● OLED	● OLED
Front screen resolution	2880×1620+2880×1620	2880×1620+2880×1620
satellite navigation system	●	●
Real-time traffic information display	●	●
Navigation map brand	● Gaode	● Gaode
Mobile phone interconnect (Carlinking)	-	-
Intercar Vehicle	●	●
4G/5G network	● 4G ● 5G	● 4G ● 5G
OTA remote online upgrade	● FOTA	● FOTA
roadside assistance call	●	●
Voice recognition control system	● multimedia system ● navigation ● telephone ● air conditioner	● multimedia system ● navigation ● telephone ● air conditioner
voice wake word	ideal classmate	ideal classmate🔌
gesture control	1.5T/4/154 horsepower	1.5T/4/154 horsepower
Multi-screen interactive	●	●
Bluetooth/car phone	●	●
Central control LCD screen built-in display	-	-
car tv	-	-
rear LCD screen	-	-
Rear LCD screen size	15.7 inches	15.7 inches
Rear central control system	●	●
Interface Type	● 12V ● Type-C	● 12V ● Type-C
Number of USB/Type-C interfaces	before 2/after 4	before 2/after 4
USB/Type-C	-	-
Speaker brand	-	-
Number of speakers	twenty one	twenty one🔌
Audio power	2160W	2160W🔌
Dolby Atmos	●	●
Active noise reduction system	-	-
Mobile APP remote control	● door control ● Vehicle starts ● Charging management ● air conditioning control ● Vehicle condition inquiry/diagnosis ● 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)🔌	Special car paint (10,000 yuan)🔌
Color configuration		
the color of car		
interior color		
Remark	-	-
Featured configuration		
Featured configuration	Intelligent driving auxiliary light	Intelligent driving auxiliary light