

# Yuanhe Unique New Energy

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23 models of L9 Pro  
version

22 models of L9 Max  
version

## Basic Information

level	Large SUV	Large SUV
Energy type	Extended range pure electric	Extended range pure electric
Environmental protection standards	National VI	National VI
time to market	2023/8/3	2022/6/21
CLTC pure electric range [km]	215	215
WLTC pure electric range [km]	180	180
Fast charging time[h]	0.5	0.5
Fast charging capacity [%]	20-80	20-80
Slow charging time[h]	6.5	6.5
Slow charging capacity [%]	0-100	0-100
engine	1.5T 154 horsepower L4	1.5T 154 horsepower L4
Maximum power/maximum torque	113kW/245N·m	113kW/245N·m
Motor[Ps]	449	449
gearbox	1st gear fixed gear ratio	1st gear fixed gear ratio
Length*width*height[mm]	5218*1998*1800	5218*1998*1800
Body structure	5-door, 6-seater SUV	5-door, 6-seater SUV
Maximum speed [km/h]	180	180
Official 0-100km/h acceleration [s]	5.3	5.3
WLTC comprehensive fuel consumption [L/100km]	0.86	0.86
Fuel consumption in low power state [L/100km]	7.8	7.8
Vehicle warranty	5 years or 100,000 kilometers	5 years or 100,000 kilometers
Exterior color		
interior color		
<b>Body</b>		
Length[mm]	5218	5218
Width[mm]	1998	1998
Height[mm]	1800	1800
Wheelbase [mm]	3105	3105
Front wheelbase [mm]	1725	1725
Rear wheelbase [mm]	1741	1741
Car door opening method	swing door	swing door
Number of doors	5	5

number of seats	6	6
Approach angle [°]	19	19
Departure angle[°]	twenty one	twenty one
Drag coefficient [Cd]	0.306	0.306
Fuel tank volume [L]	65	65
Official trunk volume [L]	332-1191	332-1191
Curb weight [kg]	2520	2520
Full load mass [kg]	3120	3120
<b>engine</b>		
engine model	Range extender L2E15M	Range extender L2E15M
Displacement [mL]	1496	1496
Displacement[L]	1.5	1.5
Intake form	turbocharging	turbocharging
Engine layout	horizontal	horizontal
Cylinder arrangement	L	L
Number of cylinders [number]	4	4
Number of valves per cylinder [number]	4	4
Compression ratio	12.5	12.5
Air Supply	DOHC	DOHC
Maximum power [kW]	113	113
Maximum horsepower[Ps]	154	154
Maximum power speed [rpm]	4800	4800
Maximum torque [N·m]	245	245
Maximum torque speed [rpm]	2500-4000	2500-4000
Maximum net power [kW]	110	110
fuel grade	No. 95	No. 95
Fuel supply method	direct injection	direct injection
Cylinder head material	Aluminum alloy	Aluminum alloy
Cylinder material	Aluminum alloy	Aluminum alloy
Environmental protection standards	National VI	National VI
<b>electric motor</b>		
Number of drive motors	Dual motor	Dual motor
Motor layout	Front + rear	Front + rear
Motor type	Permanent magnet synchronization	Permanent magnet synchronization
Total motor power [kW]	330	330
Total motor horsepower [Ps]	449	449
Motor total torque [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
System comprehensive power [kW]	330	330
System comprehensive horsepower [Ps]	449	449
System comprehensive torque [N·m]	620	620
<b>Battery/recharge</b>		
Battery Type	Ternary lithium battery	Ternary lithium battery
Battery brand	Ningde era	Ningde era
Battery temperature management	<ul style="list-style-type: none"> <li>• Low temperature heating</li> </ul>	<ul style="list-style-type: none"> <li>• Low temperature heating</li> </ul>
	<ul style="list-style-type: none"> <li>• Liquid cooling</li> </ul>	<ul style="list-style-type: none"> <li>• Liquid cooling</li> </ul>
CLTC pure electric range [km]	215	215
WLTC pure electric range [km]	180	180
CLTC comprehensive range [km]	1315	1315
WLTC comprehensive range [km]	1100	1100
Battery power [kWh]	44.5	44.5
Electricity consumption per 100 kilometers [kWh/100km]	22.2	22.2
vehicle charging port	<ul style="list-style-type: none"> <li>• Slow charging port</li> </ul>	<ul style="list-style-type: none"> <li>• Slow charging port</li> </ul>
	<ul style="list-style-type: none"> <li>• Quick charging port</li> </ul>	<ul style="list-style-type: none"> <li>• Quick charging port</li> </ul>
Slow charging port location	<ul style="list-style-type: none"> <li>• Right rear side of car</li> </ul>	<ul style="list-style-type: none"> <li>• Right rear side of car</li> </ul>
Fast charging port location	<ul style="list-style-type: none"> <li>• Right rear side of car</li> </ul>	<ul style="list-style-type: none"> <li>• Right rear side of car</li> </ul>
Fast charging power [kW]	75	75
Fast charging time[min]	30	30
Fast charging time[h]	0.5	0.5
Fast charging capacity [%]	20-80	20-80
Slow charging power [kW]	7	7
Slow charging time[h]	6.5	6.5
Slow charging capacity [%]	0-100	0-100
Vehicle battery swap	-	-
Home charging pile	•	•
Car charging gun	-	-
External discharge function	•	•
External discharge power	<ul style="list-style-type: none"> <li>• 3.5kW</li> </ul>	<ul style="list-style-type: none"> <li>• 3.5kW</li> </ul>
Battery pack warranty	8 years or 160,000 kilometers	8 years or 160,000 kilometers

<b>gearbox</b>		
Gearbox description	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Gearbox type	Fixed gear ratio	Fixed gear ratio
Number of gears	1	1
<b>chassis steering</b>		
Drive form	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
Assist type	electric assist	electric assist
Adjustable suspension features	<ul style="list-style-type: none"> <li>• Height adjustment</li> <li>• Soft and hard adjustment</li> </ul>	<ul style="list-style-type: none"> <li>• Height adjustment</li> <li>• Soft and hard adjustment</li> </ul>
Adjustable suspension types	<ul style="list-style-type: none"> <li>• Air suspension</li> </ul>	<ul style="list-style-type: none"> <li>• Air suspension</li> </ul>
Body structure	Load-bearing	Load-bearing
limited slip differential	-	-
differential lock	-	-
<b>wheel brake</b>		
Front brake type	<ul style="list-style-type: none"> <li>• Ventilated disc type</li> </ul>	<ul style="list-style-type: none"> <li>• Ventilated disc type</li> </ul>
rear brake type	<ul style="list-style-type: none"> <li>• Ventilated disc type</li> </ul>	<ul style="list-style-type: none"> <li>• Ventilated disc type</li> </ul>
Parking brake type	Electronic parking	Electronic parking
Front tire specifications	<ul style="list-style-type: none"> <li>• 265/45 R21</li> </ul>	<ul style="list-style-type: none"> <li>• 265/45 R21</li> </ul>
Rear tire specifications	<ul style="list-style-type: none"> <li>• 265/45 R21</li> </ul>	<ul style="list-style-type: none"> <li>• 265/45 R21</li> </ul>
Spare tire	<ul style="list-style-type: none"> <li>• No spare tire</li> </ul>	<ul style="list-style-type: none"> <li>• No spare tire</li> </ul>
Spare tire placement	-	-
<b>active safety</b>		
ABS anti-lock	•	•
Braking force distribution (EBD/CBC, etc.)	•	•
Brake assist (BA/EBA/BAS, etc.)	•	•
Traction control (ASR/TCS/TRC, etc.)	•	•
Body stability control (ESP/DSC/VSC, etc.)	•	•
Seat belt not fastened reminder	<ul style="list-style-type: none"> <li>• The whole car</li> </ul>	<ul style="list-style-type: none"> <li>• The whole car</li> </ul>
Tire pressure monitoring	<ul style="list-style-type: none"> <li>• Tire pressure display</li> </ul>	<ul style="list-style-type: none"> <li>• Tire pressure display</li> </ul>
<b>passive safety</b>		
Main driver airbag	•	•

Passenger airbag	●	●
First row side airbag	●	●
Second row side airbags	●	●
side curtain airbags	●	●
knee air bag	-	-
Passenger seat cushion airbag	-	-
Rear seat belt airbag	-	-
Rear seat anti-skid airbags	-	-
center airbag	-	-
Second row forward airbags	-	-
child seat interface	●	●
passive pedestrian protection	-	-
Run-flat tires	-	-
<b>Auxiliary/control configuration</b>		
front parking radar	●	●
Rear parking radar	●	●
Reverse side warning system	●	●
Door opening collision warning	●	●
Driving assistance images	● 360-degree panoramic image	● 360-degree panoramic image
Chassis perspective	●	●
cruise system	● Full-speed adaptive cruise	● Full-speed adaptive cruise
Driving mode selection	● Sports	● Sports
	● Economy	● Economy
	● Standard/Comfortable	● Standard/Comfortable
	● Off-road	● Off-road
	● Snow	● Snow
Fatigue reminder	●	●
automatic parking	●	●
remote control parking	-	-
remote summoning	●	●
Engine start and stop	-	-
automatic parking	●	●
Hill assist	●	●
steep descent	●	●
night vision system	-	-
variable steering ratio	-	-
Integral active steering system	-	-
Wading sensor system	-	-
low speed four wheel drive	-	-
creep mode	-	-
tank turns	-	-

<b>Assisted driving functions</b>		
Parallel assistance (BSM/BSD)	•	•
Lane Departure Warning (LDWS)	•	•
Lane Keeping (LKAS)	•	•
Lane centering	•	•
Road traffic sign recognition	•	•
forward collision warning	•	•
rear collision warning	•	•
Active braking	•	•
Automatic lane change assist	•	•
Automatic ramp exit/entry	•	•
High-speed assisted driving	•	•
Urban assisted driving	-	•
Reverse tracking	-	-
<b>Assisted driving hardware</b>		
Driving assistance level	• L2	• L2
Assisted driving system	• Ideal AD Pro	• Ideal AD Max
Assisted driving chip	• 1 Horizon Journey 5	• 2 NVIDIA Drive Orin-X
Chip computing power	• 128 TOPS	• 508 TOPS
Lidar brand	-	• HESAI Hesai Technology
Lidar model	-	• AT128
LiDAR quantity	-	• 1
Lidar line number	-	• 128 lines
Lidar 10% reflectivity detection distance [m]	-	• 200
Number of lidar point clouds [10,000/second]	-	• 153
millimeter wave radar	• 1	• 1
ultrasonic radar	• First 6/Last 6	• First 6/Last 6
Front sensing camera type	• monocular	• Binocular
Front sensing camera pixels [10,000]	• 800	• 800
Environment aware camera	• 6	• 7
Environment sensing camera pixels [10,000]	• 200	• 800
surround camera	• 4	• 4
Surround camera pixels [10,000]	• 200	• 200
car camera	-	-
<b>External configuration</b>		

Skylight type	<ul style="list-style-type: none"> <li>● Segmented non-openable skylight</li> </ul>	<ul style="list-style-type: none"> <li>● Segmented non-openable skylight</li> </ul>
Sport appearance package	-	-
Electric spoiler	-	-
Rim material	<ul style="list-style-type: none"> <li>● Aluminum alloy</li> </ul>	<ul style="list-style-type: none"> <li>● Aluminum alloy</li> </ul>
Electric suction door	<ul style="list-style-type: none"> <li>● The whole car</li> </ul>	<ul style="list-style-type: none"> <li>● The whole car</li> </ul>
Automatic opening and closing of car doors	-	-
Frameless door	-	-
sliding door	-	-
roof rack	-	-
Key type	<ul style="list-style-type: none"> <li>● Remote key</li> <li>● Bluetooth key</li> </ul>	<ul style="list-style-type: none"> <li>● Remote key</li> <li>● Bluetooth key</li> </ul>
Keyless start	●	●
keyless entry	<ul style="list-style-type: none"> <li>● The whole car</li> </ul>	<ul style="list-style-type: none"> <li>● The whole car</li> </ul>
Hidden electric door handle	●	●
Active closing air intake grille	●	●
Electric tailgate	●	●
Tailgate position memory	●	●
Induction tailgate	●	●
Tailgate glass opens independently	-	-
car side pedals	○ Electric 10,000 yuan	○ Electric 10,000 yuan
Low speed driving warning sound	●	●
Sentinel (clairvoyance) mode	●	●
tow hook	-	-
Trailer power outlet	-	-
<b>Internal configuration</b>		
Steering wheel material	<ul style="list-style-type: none"> <li>● Genuine leather</li> </ul>	<ul style="list-style-type: none"> <li>● Genuine leather</li> </ul>
steering wheel adjustment	<ul style="list-style-type: none"> <li>● Electric up and down + front and rear adjustment</li> <li>● Steering wheel memory</li> </ul>	<ul style="list-style-type: none"> <li>● Electric up and down + front and rear adjustment</li> <li>● Steering wheel memory</li> </ul>
Shift pattern	Electronic gear shifting	Electronic gear shifting
Multifunction steering wheel	●	●
steering wheel gear shift	-	-
Steering wheel heating	●	●
Trip computer display	<ul style="list-style-type: none"> <li>● Color</li> </ul>	<ul style="list-style-type: none"> <li>● Color</li> </ul>
Full LCD instrument panel	●	●
Instrument screen size [inches]	<ul style="list-style-type: none"> <li>● 4.82</li> </ul>	<ul style="list-style-type: none"> <li>● 4.82</li> </ul>
HUD heads up display	●	●
Built-in driving recorder	●	●
Mobile phone wireless charging	<ul style="list-style-type: none"> <li>● First row</li> </ul>	<ul style="list-style-type: none"> <li>● First row</li> </ul>

ETC device	-	-
Active noise reduction	-	-
Electrically adjustable pedals	-	-
Single pedal mode	-	-
<b>Seat configuration</b>		
seat material	• Genuine leather	• Genuine leather
Sports style seats	-	-
Electric driver's seat adjustment	• Electric adjustment with memory	• Electric adjustment with memory
Passenger seat electric adjustment	• Electric adjustment	• Electric adjustment
Driver's seat adjustment method	• Front and back adjustment	• Front and back adjustment
	• Backrest adjustment	• Backrest adjustment
	• Height adjustment (4-way)	• Height adjustment (4-way)
	• Waist adjustment (4-way)	• Waist adjustment (4-way)
Passenger seat adjustment method	• Front and back adjustment	• Front and back adjustment
	• Backrest adjustment	• Backrest adjustment
	• Height adjustment (4-way)	• Height adjustment (4-way)
	• Waist adjustment (4-way)	• Waist adjustment (4-way)
First row seat functions	• Heating	• Heating
	• Ventilation	• Ventilation
	• Massage	• Massage
Boss button	•	•
Electrically adjustable second row seats	• Electric adjustment	• Electric adjustment
Second row seat adjustment method	• Front and back adjustment	• Front and back adjustment
	• Backrest adjustment	• Backrest adjustment
	• Waist adjustment (4-way)	• Waist adjustment (4-way)
	• Leg rest adjustment	• Leg rest adjustment
Second row seat functions	• Heating	• Heating
	• Ventilation	• Ventilation
	• Massage	• Massage
Third row seat functions	• Heating	• Heating
center armrest	• First row	• First row
	• Second row	• Second row
Seat layout	• 2+2+2	• 2+2+2
Rear seat folding method	• Inverted proportions	• Inverted proportions
Electrically reclining rear seats	• Third row	• Third row
Rear cup holder	• Second row	• Second row
	• Third row	• Third row



Heated/cooled cup holder	-	-
Rear folding table	• Second row	• Second row
<b>Car/Internet</b>		
Central control color screen	• Touch OLED screen	• Touch OLED screen
Central control screen size [inch]	• 15.7	• 15.7
Central control screen material	• OLED	• OLED
Central control screen resolution [px]	• 2880 x 1620	• 2880 x 1620
Central control screen pixel density [PPI]	• 210	• 210
Central control screen refresh rate [Hz]	• 60	• 60
Passenger screen	• Touch OLED screen	• Touch OLED screen
Passenger screen size [inches]	• 15.7	• 15.7
Passenger screen material	• OLED	• OLED
Passenger screen resolution [px]	• 2880 x 1620	• 2880 x 1620
Passenger screen pixel density [PPI]	• 210	• 210
Vehicle system	Android AUTOMOTIVE	Android AUTOMOTIVE
Car chip	2 Qualcomm Snapdragon 8155	2 Qualcomm Snapdragon 8155
Vehicle system memory [GB]	• 24	• 24
Vehicle system storage [GB]	• 256	• 256
Vehicle-to-machine network	• 5G	• 5G
OTA upgrade	• Vehicle OTA	• Vehicle OTA
Car WiFi function	-	-
Car navigation map	• Gaode	• Gaode
HD map	•	•
V2X communication	-	-
roadside assistance call	•	•
Bluetooth/car phone	•	•
Mobile phone interconnection/mapping	-	-
Voice assistant wake word	• Ideal classmates	• Ideal classmates
Voice zone wake-up	• First row	• First row
	• Second row	• Second row
	• Third row	• Third row
Voice wake-up-free	•	•
Speech continuous recognition	•	•
	• Multimedia system	• Multimedia system
	• Navigation	• Navigation

Voice recognition control function	• Telephone	• Telephone
	• Air conditioning	• Air conditioning
	• Car windows	• Car windows
	• Seat function adjustment	• Seat function adjustment
gesture control	•	•
face recognition	-	-
Remote control function	• Door control	• Door control
	• Window control	• Window control
	• Vehicle starts	• Vehicle starts
	• Air conditioning control	• Air conditioning control
	• Charging management	• Charging management
	• Vehicle condition inquiry/diagnosis	• Vehicle condition inquiry/diagnosis
	• Vehicle positioning/car search	• Vehicle positioning/car search
	• Car owner services (find charging piles, gas stations, parking lots, etc.)	• Car owner services (find charging piles, gas stations, parking lots, etc.)
<b>Media entertainment</b>		
Car APP application market	•	•
Car CD/DVD	-	-
Multimedia/charging interface	• Type-C	• Type-C
Number of USB/Type-C interfaces	• 2 in the front row/4 in the back row	• 2 in the front row/4 in the back row
In-car entertainment functions	• Karaoke	• Karaoke
Rear seat control multimedia	•	•
Number of multimedia screens in the rear row	• 1	• 1
Rear multimedia screen size [inch]	• 15.7	• 15.7
Rear multimedia screen material	• OLED	• OLED
Rear multimedia screen resolution [px]	• 2880 x 1620	• 2880 x 1620
Cockpit 220V/230V power supply	• 220V	• 220V
Luggage compartment power interface	• 12V	• 12V
audio brand	-	-
Number of speakers	• 21	• 21
<b>Light function</b>		
Low beam light source	• LED	• LED
high beam light source	• LED	• LED
Lighting features	-	-

LED daytime running lights	•	•
Headlight function	• Height adjustment	• Height adjustment
	• Automatic opening and closing	• Automatic opening and closing
	• Adaptive high and low beam	• Adaptive high and low beam
	• Delayed shutdown	• Delayed shutdown
Turn assist light	•	•
Front fog lights	-	-
Headlight cleaning device	-	-
Car interior ambient light	• 256 colors	• 256 colors
<b>glass/rear view mirror</b>		
First row electric windows	•	•
Second row electric windows	•	•
One-click lifting and lowering of windows	• The whole car	• The whole car
Window anti-pinch function	• The whole car	• The whole car
Multilayer soundproof glass	• The whole car	• The whole car
Exterior rearview mirror function	• Electric adjustment	• Electric adjustment
	• Heated rearview mirrors	• Heated rearview mirrors
	• Electric folding	• Electric folding
	• Rearview mirror memory	• Rearview mirror memory
	• Automatically roll down when reversing	• Automatically roll down when reversing
	• Automatic folding when locking the car	• Automatic folding when locking the car
	• Automatic anti-dazzle	• Automatic anti-dazzle
Interior rearview mirror function	• Automatic anti-dazzle	• Automatic anti-dazzle
Rear side privacy glass	•	•
Rear side sunshades	-	-
Rear windshield sunshade	-	-
Car vanity mirror	• Main driving + lighting	• Main driving + lighting
	• Co-pilot + lighting	• Co-pilot + lighting
Sensing wiper function rear wiper	• Rain sensor type	• Rain sensor type
Heated water nozzle	-	-
<b>Air conditioning/refrigeration</b>		
First row air conditioner	• Dual temperature zone automatic air conditioning	• Dual temperature zone automatic air conditioning
Second row air conditioner	• Single temperature zone automatic air conditioning	• Single temperature zone automatic air conditioning

Third row air conditioner	● Air outlet	● Air outlet
heat pump air conditioner	-	-
air quality monitoring	●	●
In-car PM2.5 filter device	●	●
Car air purifier	●	●
negative ion generator	-	-
Fragrance system	●	●
car refrigerator	●	●
<b>Featured configuration</b>		
LED intelligent driving auxiliary light	-	●
It can be said that it is visible	●	●