

Yuanhe Unique New Energy

Email: wenbin_zheng@hotmail.com WhatsApp: +86 139 0639 1027

	23 models 495km 75kWh	23 models 630km 100kWh
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Basic Information

level	Medium SUV	Medium SUV
Energy type	pure electricity	pure electricity
time to market	2023/9/15	2023/9/15
CLTC pure electric range [km]	495	630
Motor[Ps]	490	490
gearbox	1st gear fixed gear ratio	1st gear fixed gear ratio
Length*width*height[mm]	4849*1995*1697	4849*1995*1697
Body structure	5-door, 5-seater SUV	5-door, 5-seater SUV
Maximum speed [km/h]	200	200
Official 0-100km/h acceleration [s]	4.4	4.4
Vehicle warranty	3 years or 120,000 kilometers	3 years or 120,000 kilometers
First owner warranty policy	6 years or 150,000 kilometers (the liability exemption clause shall be subject to the official)	6 years or 150,000 kilometers (the liability exemption clause shall be subject to the official)
Exterior color		
interior color		

Body

Length[mm]	4849	4849
Width[mm]	1995	1995
Height[mm]	1697	1697
Wheelbase [mm]	2915	2915
Front wheelbase [mm]	1711	1711
Rear wheelbase [mm]	1711	1711
Car door opening method	swing door	swing door
Number of doors	5	5
number of seats	5	5
Approach angle [°]	17	17
Departure angle [°]	19	19
Drag coefficient [Cd]	0.24	0.24
Official trunk volume [L]	505-1402	505-1402
Curb weight [kg]	2292	2340
Full load mass [kg]	2826	2826
Traction mass [kg]	1260	1260

electric motor

Number of drive motors	Dual motor	Dual motor
Motor layout	Front + rear	Front + rear

Motor type	Front AC asynchronous/rear permanent magnet synchronous	Front AC asynchronous/rear permanent magnet synchronous
Total motor power [kW]	360	360
Total motor horsepower [Ps]	490	490
Motor total torque [N·m]	700	700
Maximum power of front electric motor [kW]	150	150
Maximum torque of front electric motor [N·m]	280	280
Maximum power of rear electric motor [kW]	210	210
Maximum torque of rear electric motor [N·m]	420	420
Battery/recharge		
Battery Type	Ternary lithium + lithium iron phosphate	Ternary lithium battery
Battery brand	Jiangsu Times	Jiangsu Times/CATL/China New Aviation
Battery temperature management	• Low temperature heating	• Low temperature heating
	• Liquid cooling	• Liquid cooling
CLTC pure electric range [km]	495	630
Battery power [kWh]	75	100
Battery energy density [Wh/kg]	142.1	185.4
vehicle charging port	• Quick charging port	• Quick charging port
Slow charging port location	-	-
Fast charging port location	• Car left rear side	• Car left rear side
Vehicle battery swap	•	•
Home charging pile	○ Optional 4,800 yuan	○ Optional 4,800 yuan
Car charging gun	-	-
External discharge function	•	•
External discharge power	• 3.3kW	• 3.3kW
Battery pack warranty	8 years or 120,000 kilometers	8 years or 120,000 kilometers
First owner battery pack warranty	10 years with no mileage limit (the liability exemption clause shall be subject to the official policy)	10 years with no mileage limit (the liability exemption clause shall be subject to the official policy)
gearbox		

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
chassis steering		
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	Five-link independent suspension	Five-link 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"> ● Soft and hard adjustment 	<ul style="list-style-type: none"> ● Soft and hard adjustment
Adjustable suspension types	-	-
Body structure	Load-bearing	Load-bearing
limited slip differential	-	-
differential lock	-	-
wheel brake		
Front brake type	<ul style="list-style-type: none"> ● Ventilated disc type 	<ul style="list-style-type: none"> ● Ventilated disc type
rear brake type	<ul style="list-style-type: none"> ● Ventilated disc type 	<ul style="list-style-type: none"> ● Ventilated disc type
Parking brake type	Electronic parking	Electronic parking
Front tire specifications	<ul style="list-style-type: none"> ● 255/50 R20 ○ 265/45 R21 	<ul style="list-style-type: none"> ● 255/50 R20 ○ 265/45 R21
	<ul style="list-style-type: none"> ● 255/50 R20 ○ 265/45 R21 	<ul style="list-style-type: none"> ● 255/50 R20 ○ 265/45 R21
Rear tire specifications	<ul style="list-style-type: none"> ● Tire repair tools only 	<ul style="list-style-type: none"> ● Tire repair tools only
Spare tire placement	-	-
active safety		
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"> ● The whole car 	<ul style="list-style-type: none"> ● The whole car
Tire pressure monitoring	<ul style="list-style-type: none"> ● Tire pressure display 	<ul style="list-style-type: none"> ● Tire pressure display
In-car biometric monitoring	●	●
passive safety		

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	● First row	● First row
Second row forward airbags	-	-
child seat interface	●	●
passive pedestrian protection	-	-
Run-flat tires	○	○
Auxiliary/control configuration		
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
	● Customization/personalization	● Customization/personalization
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 sensing system	-	-

low speed four wheel drive	-	-
creep mode	-	-
tank turns	-	-
Assisted driving functions		
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	-	-
Assisted driving hardware		
Driving assistance level	• L2	• L2
Assisted driving system	• NIO Autonomous Driving • NIO Autonomous Driving	• NIO Autonomous Driving • NIO Autonomous Driving
Assisted driving chip	• 4 NVIDIA Drive Orin-X	• 4 NVIDIA Drive Orin-X
Chip computing power	• 1016 TOPS	• 1016 TOPS
Lidar brand	• Innovusion Tudatong	• Innovusion Tudatong
Lidar model	• Falcon	• Falcon
LiDAR quantity	• 1	• 1
Lidar line number	• 150 lines	• 150 lines
Lidar maximum detection distance [m]	• 500	• 500
Lidar 10% reflectivity detection distance [m]	• 250	• 250
Number of lidar point clouds [10,000/second]	• 80-100	• 80-100
millimeter wave radar	• 5	• 5
ultrasonic radar	• First 6/Last 6	• First 6/Last 6
Front sensing camera type	• Binocular	• Binocular
Front sensing camera pixels [10,000]	• 800	• 800
Environment aware camera	• 7	• 7

Environment sensing camera pixels [10,000]	• 800	• 800
surround camera	• 4	• 4
Surround camera pixels [10,000]	• 300	• 300
car camera	• 2	• 2
External configuration		
Skylight type	• The panoramic sunroof cannot be opened	• The panoramic sunroof cannot be opened
Light-sensing awning	○ Optional 9,500 yuan	○ Optional 9,500 yuan
Sport appearance package	-	-
Electric spoiler	•	•
Rim material	• Aluminum alloy	• Aluminum alloy
Electric suction door	• The whole car	• The whole car
Automatic opening and closing of car doors	-	-
Frameless door	-	-
sliding door	-	-
roof rack	-	-
Key type	• Remote key	• Remote key
	• Bluetooth key	• Bluetooth key
	• NFC/RFID key	• NFC/RFID key
	• UWB digital key	• UWB digital key
Keyless start	•	•
keyless entry	• The whole car	• The whole car
Hidden electric door handle	•	•
Active closing air intake grille	•	•
Electric tailgate	•	•
Tailgate position memory	•	•
Induction tailgate	•	•
Tailgate glass opens independently	-	-
car side pedals	-	-
Low speed driving warning sound	•	•
Sentinel (clairvoyance) mode	•	•
tow hook	○ Optional 7,500 yuan	○ Optional 7,500 yuan
Trailer power outlet	○	○
Internal configuration		
Steering wheel material	• Imitation leather	• Imitation leather
	○ Genuine leather	○ Genuine leather
steering wheel adjustment	• Electric up and down + front and rear adjustment	• Electric up and down + front and rear adjustment
	• Steering wheel memory	• Steering wheel memory
Shift pattern	Electronic gear shift	Electronic gear shift

Multifunction steering wheel	•	•
steering wheel gear shift	-	-
Steering wheel heating	•	•
Trip computer display	• Color	• Color
Full LCD instrument panel	•	•
Instrument screen size [inches]	• 10.2	• 10.2
Instrument screen material	• MINI LED	• MINI LED
Instrument screen resolution [px]	• 1920 x 532	• 1920 x 532
Instrument screen pixel density [PPI]	• 196	• 196
HUD heads up display	•	•
Built-in driving recorder	•	•
Mobile phone wireless charging	• First row	• First row
Maximum wireless charging power of mobile phones [W]	• 40	• 40
ETC device	•	•
Active noise reduction	-	-
Electrically adjustable pedals	-	-
Single pedal mode	•	•
Seat configuration		
seat material	• Imitation leather	• Imitation leather
	○ 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 with memory	• Electric adjustment with memory
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	• Leg rest adjustment	• Leg rest adjustment
	• 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)
	• Leg rest adjustment	• Leg rest adjustment
	• Heating	• Heating

First row seat functions	• Ventilation	• Ventilation
	• Massage	• Massage
Boss button	-	-
Electrically adjustable second row seats	• Electric adjustment	• Electric adjustment
Second row seat adjustment method	• Backrest adjustment	• Backrest adjustment
Second row seat functions	• Heating	• Heating
	○ Ventilation	○ Ventilation
	○ Massage	○ Massage
Electrically adjustable third row seats	-	-
Third row seat adjustment method	-	-
Third row seat functions	-	-
Zero Gravity Seat Function	• Co-pilot	• Co-pilot
center armrest	• First row	• First row
	• Second row	• Second row
Seat layout	• 2+3	• 2+3
Rear seat folding method	• Inverted proportions	• Inverted proportions
Electrically reclining rear seats	-	-
Rear cup holder	• Second row	• Second row
Heated/cooled cup holder	-	-
Rear folding table	-	-
Car/Internet		
Central control color screen	• Touch LCD screen	• Touch LCD screen
Central control screen size [inch]	• 12.8	• 12.8
Central control screen material	• AMOLED	• AMOLED
Central control screen resolution [px]	• 1728 x 1888	• 1728 x 1888
Central control screen pixel density [PPI]	• 200	• 200
Passenger screen	-	-
Vehicle system	Banyan tree	Banyan tree
Car chip	Qualcomm Snapdragon 8155	Qualcomm Snapdragon 8155
Vehicle system memory [GB]	• 16	• 16
Vehicle system storage [GB]	• 256	• 256
Vehicle-to-machine network	• 5G	• 5G
OTA upgrade	• Vehicle OTA	• Vehicle OTA
Car WiFi function	• WiFi connection	• WiFi connection
	• WiFi hotspot	• WiFi hotspot

AR real-life navigation	-	-
Car navigation map	● Gaode	● Gaode
HD map	●	●
V2X communication	●	●
roadside assistance call	●	●
Bluetooth/car phone	●	●
Mobile phone interconnection/mapping	-	-
Voice assistant wake word	● Hi NOMI	● Hi NOMI
Voice zone wake-up	● First row	● First row
	● Second row	● Second row
Voice wake-up-free	●	●
Speech continuous recognition	●	●
Voice recognition control function	● Multimedia system	● Multimedia system
	● Navigation	● Navigation
	● Telephone	● Telephone
	● Air conditioning	● Air conditioning
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
	● Heated steering wheel	● Heated steering wheel
	● Seat heating	● Seat heating
	● Seat ventilation	● Seat ventilation
	● Charging management	● Charging management
	● Vehicle condition inquiry/diagnosis	● Vehicle condition inquiry/diagnosis
	● Vehicle positioning/car search	● Vehicle positioning/car search
	● Maintenance/repair appointment	● Maintenance/repair appointment
● Car owner services (find charging piles, gas stations, parking lots, etc.)	● Car owner services (find charging piles, gas stations, parking lots, etc.)	
Media entertainment		
Car APP application market	●	●
Car CD/DVD	-	-
Multimedia/charging interface	● USB	● USB
	● Type-C	● Type-C
Number of USB/Type-C interfaces	● 3 in the front row/1 in the back row	● 3 in the front row/1 in the back row
In-car entertainment functions	● Karaoke	● Karaoke
	● Games	● Games
simulated sound	●	●

Rear seat control multimedia	•	•
Number of multimedia screens in the rear row	• 1	• 1
Rear multimedia screen size [inch]	• 6.6	• 6.6
Rear multimedia screen material	• MINI LED	• MINI LED
Rear multimedia screen resolution [px]	• 1268 x 360	• 1268 x 360
Rear multimedia screen pixel density [PPI]	• 199	• 199
Cockpit 220V/230V power supply	-	-
Luggage compartment power interface	• 12V	• 12V
audio brand	-	-
Number of speakers	• 23	• 23
Light function		
Low beam light source	• LED	• LED
high beam light source	• LED	• LED
Lighting features	• Geometric multi-beam	• Geometric multi-beam
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	• LED	• LED
Headlight cleaning device	-	-
Car interior ambient light	• 256 colors	• 256 colors
glass/rear view mirror		
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

function	<ul style="list-style-type: none"> Automatically roll down when reversing 	<ul style="list-style-type: none"> Automatically roll down when reversing
	<ul style="list-style-type: none"> Automatic folding when locking the car 	<ul style="list-style-type: none"> Automatic folding when locking the car
	<ul style="list-style-type: none"> Automatic anti-dazzle 	<ul style="list-style-type: none"> Automatic anti-dazzle
Interior rearview mirror function	<ul style="list-style-type: none"> Automatic anti-dazzle 	<ul style="list-style-type: none"> Automatic anti-dazzle
Rear side privacy glass	•	•
Rear side sunshades	-	-
Rear windshield sunshade	-	-
Car vanity mirror	<ul style="list-style-type: none"> Main driving + lighting 	<ul style="list-style-type: none"> Main driving + lighting
	<ul style="list-style-type: none"> Co-pilot + lighting 	<ul style="list-style-type: none"> Co-pilot + lighting
Sensing wiper function rear wiper	<ul style="list-style-type: none"> Rain sensor type 	<ul style="list-style-type: none"> Rain sensor type
Heated water nozzle	-	-
Air conditioning/refrigeration		
First row air conditioner	<ul style="list-style-type: none"> Dual temperature zone automatic air conditioning 	<ul style="list-style-type: none"> Dual temperature zone automatic air conditioning
Second row air conditioner	<ul style="list-style-type: none"> Single temperature zone automatic air conditioning 	<ul style="list-style-type: none"> Single temperature zone automatic air conditioning
Third row air conditioner	-	-
heat pump air conditioner	•	•
air quality monitoring	•	•
In-car PM2.5 filter device	•	•
Car air purifier	•	•
negative ion generator	•	•
Fragrance system	•	•
car refrigerator	-	-
Featured configuration		
It can be said that it is visible	•	•
Queen's Passenger	•	•
Optional package		
	○ Optional 3500	○ Optional 3500

<p>20-inch multi-spoke snow woven wheels</p>	<p>This tire is a high-performance summer tire. In a low-temperature environment, the tire performance decreases and the grip decreases. It is recommended to replace winter tires on vehicles when the ambient temperature is below 7°C; extremely low temperatures below -15°C may cause permanent damage to summer tires. The mileage shown is based on the China Light Vehicle Driving Conditions (CLTC). Measured and announced test values, actual cruising range will vary depending on weather, road conditions, terrain driving habits, number of passengers, load and other factors.</p>	
	<ul style="list-style-type: none"> ○ Optional 9500 	<ul style="list-style-type: none"> ○ Optional 9500

21-inch multi-spoke
Huayue wheels

Equipped with Michelin 265/45 R21 Pilot Sport 4 SUV series low rolling resistance and silent tires. This tire is a high-performance summer tire. In a low-temperature environment, the tire performance decreases and the grip decreases. It is recommended to replace winter tires on vehicles when the ambient temperature is below 7°C: extremely low temperatures below -15°C may cause permanent damage to summer tires. The cruising range shown is a test value measured and announced based on the China Light Vehicle Driving Conditions (CLTC). The actual cruising range will vary due to weather, road conditions, terrain, driving habits, number of passengers, load and other factors. 75kWh battery version model Range: 475km; 100kWh battery version: 610km

○ Optional 17000

○ Optional 17000

21-inch carbon fiber sharp silver wheels

Equipped with Pirelli 265/45 R21 P Zero series silent tires with self-repairing function. This tire is a high-performance summer tire. In a low-temperature environment, the tire performance decreases and the grip decreases. It is recommended to replace winter tires on vehicles when the ambient temperature is below 7°C. Extremely low temperatures below -15°C may cause permanent damage to summer tires. The mileage shown is based on the China Light Vehicle Driving Conditions (CLTC). Measured and announced test values, the actual cruising range will vary due to factors such as weather, road conditions, terrain, driving habits, number of passengers and load. The 75kWh battery version has a range of 475km. The 100kWh battery version has a range of 610km.

○ Optional 4600

○ Optional 4600

<p>N-BOX enhanced entertainment host</p>	<p>N-Box enhanced entertainment host (after optional N-Box enhanced entertainment host, the number of interfaces in the car will also be upgraded simultaneously, including 1 DP-in Type-C interface for connecting portable devices, and 4 for Connect to the DP-out Type-C interface of AR glasses; related software functions will be gradually opened through remote software push)</p>	
<p>NOMI vehicle-mounted artificial intelligence system</p>	<p>○ Optional 4900</p>	<p>○ Optional 4900</p>
<p>NOMI Mate 2.0</p>		
<p>Front wiper defrost function</p>	<p>○ Optional 1000</p>	<p>○ Optional 1000</p>
<p>Front wiper defrost function</p>		
<p>Rear seat comfort package</p>	<p>○ Optional 5500</p>	<p>○ Optional 5500</p>
<p>Contains rear seat ventilation and massage functions; provides rear seat ventilation function to keep you cool even in hot summers; provides rear seat massage function to relieve fatigue during long journeys</p>		
<p>Appearance Kit-Moon Theme</p>	<p>○ Optional 4500</p>	<p>○ Optional 4500</p>
<p>Matt metallic gray appearance kit (including front and rear logos, four wheel logos, front and rear bumper trims, side skirt trims, and model tail badges)</p>		
	<p>○ Optional 7500</p>	<p>○ Optional 7500</p>

Trailer package

The maximum allowable towing weight is 1260 kg, which can provide 12V power supply to the towed equipment. It supports the towing of residential trailers and trailers that meet regulatory requirements, and expands a richer outdoor experience; including: hidden electric tow hooks and specially adjusted tow hooks. model. According to the requirements of relevant laws, regulations and standards, when towing a residential trailer or a trailer with a total mass of less than 700 kg, the driver should hold a C6 driver's license (or A2 driver's license), and the specific implementation shall be in accordance with relevant road traffic safety regulations. As the weight of the towed object increases, the actual battery life of the vehicle will be affected. Please plan your energy replenishment route reasonably and use the towing package. Please use the vehicle in strict accordance with the relevant contents and requirements in the user manual.

○ Optional 9500

○ Optional 9500

Intelligent dimming panoramic canopy	<p>Adopting the third generation of flexible electrochromic technology, it can intelligently sense ambient light, actively adjust the light transmittance, and maintain the most comfortable state at all times; it adopts industry-leading black and gray neutral colors for a more natural visual experience</p>	
Airglow Orange Calipers	○ Optional 3500	○ Optional 3500
	Airglow Orange Calipers	
NIO battery (100kWh) rental service	○ Optional -128000	○ Optional -128000
	The car price is reduced by 128,000 yuan, and the monthly rent is 1,680 yuan	
NIO battery (70kWh) rental service	○ Optional -70000	○ Optional -70000
	The car price is reduced by 70,000 yuan, and the monthly rent is 980 yuan	