

# Yuanhe Unique New Energy

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2024 Version 210km four-wheel drive  
ultra-long range smart driving version

## Basic Information

Level	Medium and large SUV
Energy type	Extended range pure electric
Environmental protection standards	National VI
time to market	2023/8/19
CLTC pure electric range [km]	210
WLTC pure electric range [km]	160
Fast charging time[h]	0.43
Fast charging capacity [%]	30-80
Slow charging time[h]	5.7
engine	1.5T 150 horsepower L4
Maximum power/maximum torque	110kW/220N·m
Motor[Ps]	490
gearbox	1st gear fixed gear ratio
Length*width*height[mm]	4905*1950*1645
Body structure	5-door, 5-seater SUV
Maximum speed [km/h]	200
Official 0-100km/h acceleration [s]	4.8
WLTC comprehensive fuel consumption [L/100km]	0.81
Fuel consumption in low power state [L/100km]	6.69
Vehicle warranty	5 years or 100,000 kilometers
First owner warranty policy	5 years or 100,000 kilometers
Exterior color	
interior color	
<b>Body</b>	
Length[mm]	4905
Width[mm]	1950
Height[mm]	1645
Wheelbase [mm]	2960
Front wheelbase [mm]	1654

Rear wheelbase [mm]	1647
Car door opening method	swing door
Number of doors	5
number of seats	5
Approach angle [°]	19
Departure angle [°]	26
Minimum ground clearance with full load [mm]	213
Minimum turning radius [m]	5.75
Drag coefficient [Cd]	0.28
Fuel tank volume [L]	56
Official trunk volume [L]	560-1320
Curb weight [kg]	2270
Full load mass [kg]	2655
<b>engine</b>	
engine model	DAM15NTDE
Displacement [mL]	1499
Displacement[L]	1.5
Intake form	turbocharging
Engine layout	horizontal
Cylinder arrangement	L
Number of cylinders [number]	4
Number of valves per cylinder [number]	4
Compression ratio	15
Air Supply	DOHC
Maximum power [kW]	110
Maximum horsepower[Ps]	150
Maximum power speed [rpm]	5500
Maximum torque [N·m]	220
Maximum torque speed [rpm]	2500-4000
Maximum net power [kW]	110
fuel mark	No. 95
Fuel supply method	direct injection
Cylinder head material	Aluminum alloy
Cylinder material	Aluminum alloy
Environmental protection standards	National VI
<b>electric motor</b>	
Number of drive motors	Dual motor
Motor layout	Front + rear
Motor type	Permanent magnet synchronization
Total motor power [kW]	360

Total motor horsepower [Ps]	490
Motor total torque [N·m]	720
Maximum power of front electric motor [kW]	160
Maximum torque of front electric motor [N·m]	310
Maximum power of rear electric motor [kW]	200
Maximum torque of rear electric motor [N·m]	410
<b>Battery/recharge</b>	
Battery Type	Ternary lithium battery
Battery brand	CATL/Hive Energy
Battery temperature management	<ul style="list-style-type: none"> <li>● Low temperature heating</li> </ul>
	<ul style="list-style-type: none"> <li>● Liquid cooling</li> </ul>
CLTC pure electric range [km]	210
WLTC pure electric range [km]	160
CLTC comprehensive range [km]	1201
Battery power [kWh]	39.2
Battery energy density [Wh/kg]	155.1
Electricity consumption per 100 kilometers [kWh/100km]	twenty one
vehicle charging port	<ul style="list-style-type: none"> <li>● Slow 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>● Car left rear side</li> </ul>
Fast charging port location	<ul style="list-style-type: none"> <li>● Car left rear side</li> </ul>
Fast charging time[min]	26
Fast charging time[h]	0.43
Fast charging capacity [%]	30-80
Slow charging power [kW]	7
Slow charging time[h]	5.7
Vehicle battery swap	-
Home charging pile	●
External discharge function	●
External discharge power	<ul style="list-style-type: none"> <li>● 3.6kW</li> </ul>
Battery pack warranty	8 years or 120,000 kilometers

<b>gearbox</b>	
Gearbox description	Electric vehicle single speed gearbox
Gearbox type	Fixed gear ratio
Number of gears	1
<b>chassis steering</b>	
Drive form	Dual motor four-wheel drive
four-wheel drive	Electric four-wheel drive
Center differential structure	-
Front suspension type	Double wishbone independent suspension
rear suspension type	Multi-link independent suspension
Assist type	electric assist
Adjustable suspension features	<ul style="list-style-type: none"> <li>• Height adjustment</li> </ul>
	<ul style="list-style-type: none"> <li>• Soft and hard adjustment</li> </ul>
Adjustable suspension types	<ul style="list-style-type: none"> <li>• Air suspension</li> </ul>
Body structure	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>
rear brake type	<ul style="list-style-type: none"> <li>• Ventilated disc type</li> </ul>
Parking brake type	Electronic parking
Front tire specifications	<ul style="list-style-type: none"> <li>• 255/45 R20</li> </ul>
Rear tire specifications	<ul style="list-style-type: none"> <li>• 255/45 R20</li> </ul>
Spare tire	<ul style="list-style-type: none"> <li>• No spare tire</li> </ul>
Spare tire placement	-
<b>active safety</b>	
ABS anti-lock	<ul style="list-style-type: none"> <li>•</li> </ul>
Braking force distribution (EBD/CBC, etc.)	<ul style="list-style-type: none"> <li>•</li> </ul>
Brake assist (BA/EBA/BAS, etc.)	<ul style="list-style-type: none"> <li>•</li> </ul>
Traction control (ASR/TCS/TRC, etc.)	<ul style="list-style-type: none"> <li>•</li> </ul>
Body stability control (ESP/DSC/VSC, etc.)	<ul style="list-style-type: none"> <li>•</li> </ul>
Seat belt not fastened reminder	<ul style="list-style-type: none"> <li>• First row</li> </ul>
Tire pressure monitoring	<ul style="list-style-type: none"> <li>• Tire pressure display</li> </ul>
In-car biometric monitoring	<ul style="list-style-type: none"> <li>•</li> </ul>
<b>passive safety</b>	
Main driver airbag	<ul style="list-style-type: none"> <li>•</li> </ul>

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
Chassis perspective	●
cruise system	● Full-speed adaptive cruise
Driving mode selection	● Sports
	● Economy
	● Snow
	● 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	-
<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	○
Reverse tracking	-
<b>Assisted driving hardware</b>	
Driving assistance level	● L2
Assisted driving system	● Baidu Apollo
Assisted driving chip	● 2 TDA4
Chip computing power	● 16TOPS
millimeter wave radar	● 5
ultrasonic radar	● First 6/Last 6
Front sensing camera type	● Binocular
Environment aware camera	● 6
surround camera	● 4
car camera	● 2
<b>External configuration</b>	
Skylight type	● The panoramic sunroof cannot be opened
Light-sensing awning	●
Sport appearance package	-
Electric spoiler	-
Rim material	● Aluminum alloy
Electric suction door	-
Automatic opening and closing of car doors	-
Frameless door	-
sliding door	-
roof rack	●
Key type	● Remote key
	● Bluetooth key
Keyless start	●
keyless entry	● 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	•
<b>Internal configuration</b>	
Steering wheel material	• Leather
steering wheel adjustment	• Manual up and down + front and rear adjustment
Shift pattern	Electronic gear shift
Multifunction steering wheel	•
steering wheel gear shift	-
Steering wheel heating	-
Trip computer display	• Color
Full LCD instrument panel	•
Instrument screen size [inches]	• 12.3
Instrument screen resolution [px]	• 1920 x 720
Instrument screen pixel density [PPI]	• 167
HUD heads up display	-
Built-in driving recorder	•
Mobile phone wireless charging	• First row
Maximum wireless charging power of mobile phones [W]	• 50
ETC device	-
Active noise reduction	-
Electrically adjustable pedals	-
Single pedal mode	-
<b>Seat configuration</b>	
seat material	• Leather/fleece material mix and match
Sports style seats	-
Electric driver's seat adjustment	• Electric adjustment with memory

Passenger seat electric adjustment	<ul style="list-style-type: none"> <li>• Electric adjustment</li> </ul>
Driver's seat adjustment method	<ul style="list-style-type: none"> <li>• Front and back adjustment</li> </ul>
	<ul style="list-style-type: none"> <li>• Backrest adjustment</li> </ul>
	<ul style="list-style-type: none"> <li>• Height adjustment (4-way)</li> </ul>
	<ul style="list-style-type: none"> <li>• Waist adjustment (4-way)</li> </ul>
Passenger seat adjustment method	<ul style="list-style-type: none"> <li>• Front and back adjustment</li> </ul>
	<ul style="list-style-type: none"> <li>• Backrest adjustment</li> </ul>
	<ul style="list-style-type: none"> <li>• Height adjustment (4-way)</li> </ul>
	<ul style="list-style-type: none"> <li>• Waist adjustment (4-way)</li> </ul>
First row seat functions	<ul style="list-style-type: none"> <li>• Heating</li> </ul>
	<ul style="list-style-type: none"> <li>• Ventilation</li> </ul>
	<ul style="list-style-type: none"> <li>• Massage</li> </ul>
Boss button	-
Electrically adjustable second row seats	-
Second row seat adjustment method	-
Second row seat functions	-
center armrest	<ul style="list-style-type: none"> <li>• First row</li> </ul>
	<ul style="list-style-type: none"> <li>• Second row</li> </ul>
Seat layout	<ul style="list-style-type: none"> <li>• 2+3</li> </ul>
Rear seat folding method	<ul style="list-style-type: none"> <li>• Inverted proportions</li> </ul>
Electrically reclining rear seats	-
Rear cup holder	<ul style="list-style-type: none"> <li>• Second row</li> </ul>
Heated/cooled cup holder	-
Rear folding table	-
<b>Car/Internet</b>	
Central control color screen	<ul style="list-style-type: none"> <li>• Touch LCD screen</li> </ul>
Central control screen size [inch]	<ul style="list-style-type: none"> <li>• 12.3</li> </ul>
Central control screen resolution [px]	<ul style="list-style-type: none"> <li>• 1920 x 720</li> </ul>
Central control screen pixel density [PPI]	<ul style="list-style-type: none"> <li>• 167</li> </ul>
Passenger screen	<ul style="list-style-type: none"> <li>• Touch LCD screen</li> </ul>
Passenger screen size [inches]	<ul style="list-style-type: none"> <li>• 12.3</li> </ul>
Passenger screen resolution [px]	<ul style="list-style-type: none"> <li>• 1920 x 720</li> </ul>
Passenger screen pixel density [PPI]	<ul style="list-style-type: none"> <li>• 167</li> </ul>



Multi-finger flying screen control	•
Vehicle system	Windlink
Car chip	Qualcomm Snapdragon 8155
Vehicle system memory [GB]	• 16
Vehicle system storage [GB]	• 128
Vehicle-to-machine network	• 5G
OTA upgrade	• Vehicle OTA
Car WiFi function	• WiFi connection
	• WiFi hotspot
AR real-life navigation	-
Car navigation map	• Baidu
HD map	•
V2X communication	-
roadside assistance call	-
Bluetooth/car phone	•
Mobile phone interconnection/mapping	• Support HiCar
Voice assistant wake word	• Hi, Lantu
Voice zone wake-up	• First row
	• Second row
Voice wake-up-free	•
Speech continuous recognition	•
Voice recognition control function	• Multimedia system
	• Navigation
	• Telephone
	• Air conditioning
gesture control	•
face recognition	•
Remote control function	• Door control
	• Vehicle starts
	• Air conditioning control
	• Charging management
	• Vehicle condition inquiry/diagnosis
	• Vehicle positioning/car search
	• Maintenance/repair appointment
	• Car owner services (find charging piles, gas stations, parking lots, etc.)
<b>Media entertainment</b>	
Split screen function	-

Car APP application market	•
Car CD/DVD	-
Multimedia/charging interface	• USB
	• Type-C
Number of USB/Type-C interfaces	• 2 in the front row/2 in the back row
In-car entertainment functions	• Karaoke
simulated sound	-
Rear seat control multimedia	•
Number of multimedia screens in the rear row	• 1
Cockpit 220V/230V power supply	-
Luggage compartment power interface	• 12V
audio brand	• Dynaudio
Number of speakers	• 10
<b>Light function</b>	
Low beam light source	• LED
high beam light source	• LED
Lighting features	• Matrix
LED daytime running lights	•
Headlight function	• Height adjustment
	• Automatic opening and closing
	• Adaptive high and low beam
	• Delayed shutdown
Turn assist light	-
Front fog lights	-
Headlight cleaning device	-
Car interior ambient light	• 64 colors
Active ambient lighting	•
<b>glass/rear view mirror</b>	
First row electric windows	•
Second row electric windows	•
One-click lifting and lowering of windows	• The whole car
Window anti-pinch function	• The whole car
Multilayer soundproof glass	• First row
	• Electric adjustment
	• Heated rearview mirrors

Exterior rearview mirror function	• Electric folding
	• Rearview mirror memory
	• Automatically roll down when reversing
	• Automatic folding when locking the car
	• Automatic anti-dazzle
Interior rearview mirror function	• Automatic anti-dazzle
Rear side privacy glass	•
Rear side sunshades	-
Rear windshield sunshade	-
Car vanity mirror	• Main driving + lighting
	• Co-pilot + lighting
Sensing wiper function rear wiper	• Rain sensor type
Heated water nozzle	•
<b>Air conditioning/refrigeration</b>	
First row air conditioner	• Dual temperature zone automatic air conditioning
Second row air conditioner	• Air outlet
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	-
<b>Featured configuration</b>	
It can be said that it is visible	•
<b>Optional package</b>	
11kw OBC car charger	○ No price for options yet
	11kw OBC car charger
Panoramic awning	○ No price for options yet
	Panoramic awning
	○ No price for options yet

High-end intelligent driving assistance system

Emergency lane keeping ELK, emergency steering assist ESA, intelligent speed limit reminder ISA, signal light recognition GLA, intelligent speed limit control ISLC, automatic lane change assist ALC, triggered automatic lane change TLC, automatic ramp exit (entry), large vehicle avoidance IEF, memory parking HPP, remote parking RPA