

Yuanhe Unique New Energy

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	2023 Version 500km family version	2023 Version 500km family version Pro	2023 Version 500km parent-child versions	2023 Version 500km parent-child version Pro
Basic Information				
level	Compact MPV	Compact MPV	Compact MPV	Compact MPV
Energy type	pure electricity	pure electricity	pure electricity	pure electricity
time to market	2023/9/20	2023/9/20	2023/9/20	2023/9/20
CLTC pure electric range [km]	500	500	500	500
Fast charging time[h]	0.43	0.43	0.43	0.43
Fast charging capacity [%]	30-80	30-80	30-80	30-80
Slow charging time[h]	10.5	10.5	10.5	10.5
Slow charging capacity [%]	0-100	0-100	0-100	0-100
Motor[Ps]	163	163	163	163
gearbox	1st gear fixed gear ratio	1st gear fixed gear ratio	1st gear fixed gear ratio	1st gear fixed gear ratio
Length*width*height[mm]	4500*1870*1655	4500*1870*1655	4500*1870*1655	4500*1870*1655
Body structure	5-door, 4-seater MPV	5-door, 4-seater MPV	5-door, 4-seater MPV	5-door, 4-seater MPV
Maximum speed [km/h]	160	160	160	160
Vehicle warranty	5 years or 120,000 kilometers	5 years or 120,000 kilometers	5 years or 120,000 kilometers	5 years or 120,000 kilometers
Exterior color				
interior color				
Body				
Length[mm]	4500	4500	4500	4500
Width[mm]	1870	1870	1870	1870
Height[mm]	1655	1655	1655	1655
Wheelbase [mm]	2820	2820	2820	2820
Front wheelbase [mm]	1597	1597	1597	1597
Rear wheelbase [mm]	1600	1600	1600	1600
Car door opening method	Swing door + sliding door	Swing door + sliding door	Swing door + sliding door	Swing door + sliding door
Number of doors	5	5	5	5
number of seats	4	4	4	4
Approach angle [°]	16	16	16	16
Departure angle [°]	twenty three	twenty three	twenty three	twenty three
Minimum ground clearance with full load [mm]	145	145	145	145
Official trunk volume [L]	410	410	410	410
Curb weight [kg]	1800	1800	1800	1800
Full load mass [kg]	2150	2150	2150	2150
electric motor				
Number of drive motors	single motor	single motor	single motor	single motor
Motor layout	prefix	prefix	prefix	prefix
Motor type	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization
Total motor power [kW]	120	120	120	120
Total motor horsepower [Ps]	163	163	163	163
Motor total torque [N·m]	240	240	240	240
Maximum power of front electric motor [kW]	120	120	120	120
Maximum torque of front electric motor [N·m]	240	240	240	240
Battery/recharge				
Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery brand	Ningde era	Ningde era	Ningde era	Ningde era
Battery temperature management	<ul style="list-style-type: none"> Low temperature heating 	<ul style="list-style-type: none"> Low temperature heating 	<ul style="list-style-type: none"> Low temperature heating 	<ul style="list-style-type: none"> Low temperature heating
CLTC pure electric range [km]	500	500	500	500
Battery power [kWh]	58.86	58.86	58.86	58.86
vehicle charging port	<ul style="list-style-type: none"> Slow charging port Quick charging port 	<ul style="list-style-type: none"> Slow charging port Quick charging port 	<ul style="list-style-type: none"> Slow charging port Quick charging port 	<ul style="list-style-type: none"> Slow charging port Quick charging port
Slow charging port location	<ul style="list-style-type: none"> Car left rear side 	<ul style="list-style-type: none"> Car left rear side 	<ul style="list-style-type: none"> Car left rear side 	<ul style="list-style-type: none"> Car left rear side
Fast charging port location	<ul style="list-style-type: none"> Car left rear side 	<ul style="list-style-type: none"> Car left rear side 	<ul style="list-style-type: none"> Car left rear side 	<ul style="list-style-type: none"> Car left rear side
Fast charging time[min]	26	26	26	26
Fast charging time[h]	0.43	0.43	0.43	0.43

Fast charging capacity [%]	30-80	30-80	30-80	30-80
Slow charging power [kW]	6.6	6.6	6.6	6.6
Slow charging time[h]	10.5	10.5	10.5	10.5
Slow charging capacity [%]	0-100	0-100	0-100	0-100
Vehicle battery swap	-	-	-	-
Home charging pile	-	-	-	-
Car charging gun	-	-	-	-
External discharge function	-	-	-	•
gearbox				
Gearbox description	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Gearbox type	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio
Number of gears	1	1	1	1
chassis steering				
Drive form	Front wheel drive	Front wheel drive	Front wheel drive	Front wheel drive
four-wheel drive	-	-	-	-
Center differential structure	-	-	-	-
Front suspension type	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension
rear suspension type	torsion beam non-independent suspension	torsion beam non-independent suspension	torsion beam non-independent suspension	torsion beam non-independent suspension
Assist type	electric assist	electric assist	electric assist	electric assist
Adjustable suspension features	-	-	-	-
Adjustable suspension types	-	-	-	-
Body structure	Load-bearing	Load-bearing	Load-bearing	Load-bearing
limited slip differential	-	-	-	-
differential lock	-	-	-	-
wheel brake				
Front brake type	• Ventilated disc type	• Ventilated disc type	• Ventilated disc type	• Ventilated disc type
rear brake type	• Solid disc type	• Solid disc type	• Solid disc type	• Solid disc type
Parking brake type	Electronic parking	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	• 215/50 R17	• 215/50 R17	• 215/50 R17	• 215/50 R17
Rear tire specifications	• 215/50 R17	• 215/50 R17	• 215/50 R17	• 215/50 R17
Spare tire	• No spare tire	• No spare tire	• No spare tire	• No spare tire
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	• Main driver	• Main driver	• The whole car	• The whole car
Tire pressure monitoring	• Tire pressure display	• Tire pressure display	• Tire pressure display	• 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	-	-	○ Main driver	• Main driver
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	-	-	-	-
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	● 360-degree panoramic image	● 360-degree panoramic image
Chassis perspective	-	-	○	●
cruise system	● Full-speed adaptive cruise	● Full-speed adaptive cruise	● Full-speed adaptive cruise	● Full-speed adaptive cruise
Driving mode selection	● Economy	● Economy	● Economy	● Economy
	● Standard/Comfortable	● Standard/Comfortable	● Standard/Comfortable	● Standard/Comfortable
	● Customization/personalization	● Customization/personalization	● Customization/personalization	● Customization/personalization
Fatigue reminder	-	-	-	-
automatic parking	-	-	○	●
remote control parking	-	-	○	●
remote summoning	-	-	-	-
Engine start and stop automatic parking	-	-	-	-
automatic parking	●	●	●	●
Hill assist	●	●	●	●
steep descent	-	-	-	-
night vision system	-	-	-	-
variable steering ratio	-	-	-	-
Integral active steering system	-	-	-	-
Wading sensing system	-	-	-	-
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	-	-	-	-
Reverse tracking	-	-	○	●
Assisted driving hardware				
Driving assistance level	● L2	● L2	● L2	● L2
millimeter wave radar	● 1	● 1	● 1	● 3
			○ 3	
ultrasonic radar	● Last 4	● Last 4	● Last 4	● First 6/Last 6
			○ First 6/Last 6	
Front sensing camera type	● monocular	● monocular	● monocular	● monocular
Environment aware camera	● 1	● 1	● 1	● 1
surround camera	● 4	● 4	● 4	● 4
car camera	-	● 1	● 1	● 1
External configuration				
Skylight type	● The panoramic sunroof cannot be opened	● The panoramic sunroof cannot be opened	● The panoramic sunroof cannot be opened	● The panoramic sunroof cannot be opened
Sport appearance package	-	-	-	-
Electric spoiler	-	-	-	-
Rim material	● Aluminum alloy	● Aluminum alloy	● Aluminum alloy	● Aluminum alloy
Electric suction door	-	-	-	-
Automatic opening and closing of car doors	-	-	-	-
Frameless door	-	-	-	-
sliding door	● Electric on the right	● Electric on the right	● Electric on the right	● Electric on the right
roof rack	-	-	-	-
Key type	● Remote key	● Remote key	● Remote key	● Remote key

Key type	• Bluetooth key	• Bluetooth key	• Bluetooth key	• Bluetooth key
Keyless start	•	•	•	•
Keyless entry	• The whole car	• The whole car	• 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	•	•	•	•
Internal configuration				
Steering wheel material	• Leather	• Leather	• Leather	• Leather
steering wheel adjustment	• Manual up and down + front and rear adjustment	• Manual up and down + front and rear adjustment	• Manual up and down + front and rear adjustment	• Manual up and down + front and rear adjustment
Shift pattern	Electronic gear shifting	Electronic gear shifting	Electronic gear shifting	Electronic gear shifting
Multifunction steering wheel	•	•	•	•
steering wheel gear shift	-	-	-	-
Steering wheel heating	-	-	•	•
Trip computer display	• Color	• Color	• Color	• Color
Full LCD instrument panel	•	•	•	•
Instrument screen size [inches]	• 10.25	• 10.25	• 10.25	• 10.25
HUD heads up display	-	-	-	-
Built-in driving recorder	-	-	-	-
Mobile phone wireless charging	-	-	• First row	• First row
Maximum wireless charging power of mobile phones [W]	-	-	• 50	• 50
ETC device	-	-	-	-
Active noise reduction	-	-	-	-
Electrically adjustable pedals	-	-	-	-
Single pedal mode	•	•	•	•
Seat configuration				
seat material	• Leather	• Leather	• Leather	• Leather
Sports style seats	-	-	-	-
Electric driver's seat adjustment	• Electric adjustment	• Electric 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	• Front and back adjustment	• Front and back adjustment
	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
	• Height adjustment (2-way)	• Height adjustment (2-way)	• Height adjustment (2-way)	• Height adjustment (2-way)
Passenger seat adjustment method	• Front and back adjustment	• Front and back adjustment	• Front and back adjustment	• Front and back adjustment
	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
First row seat functions	-	• Heating (main driver)	• Heating (main driver)	• Heating (main driver)
	-	• Ventilation (main driver)	• Ventilation (main driver)	• Ventilation (main driver)
Boss button	-	-	-	-
Electrically adjustable second row seats	• Electric adjustment	• Electric adjustment	• Electric adjustment with memory	• Electric adjustment with memory
Second row seat adjustment method	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
Second row seat functions	-	-	• Heating	• Heating
	-	-	• Ventilation	• Ventilation
center armrest	• First row	• First row	• First row	• First row
	• Second row	• Second row	• Second row	• Second row
Seat layout	• 2+2	• 2+2	• 2+2	• 2+2
Rear seat folding method	-	-	-	-
Electrically reclining rear seats	-	-	-	-
Rear cup holder	• Second row	• Second row	• Second row	• Second row
Heated/cooled cup holder	-	-	-	-
Rear folding table	-	-	• Second row	• Second row

Car/Internet				
Central control color screen	• Touch LCD screen	• Touch LCD screen	• Touch LCD screen	• Touch LCD screen
Central control screen size [inch]	• 14.6	• 14.6	• 14.6	• 14.6
Passenger screen	-	-	-	-
Car chip	Qualcomm Snapdragon 8155	Qualcomm Snapdragon 8155	Qualcomm Snapdragon 8155	Qualcomm Snapdragon 8155
Vehicle-to-machine network	• 4G	• 4G	• 4G	• 4G
OTA upgrade	• Vehicle OTA	• Vehicle OTA	• Vehicle OTA	• Vehicle OTA
Car WiFi function	• WiFi connection	• WiFi connection	• WiFi connection	• WiFi connection
	• WiFi hotspot	• WiFi hotspot	• WiFi hotspot	• WiFi hotspot
Car navigation map	• Gaode	• Gaode	• Gaode	• Gaode
V2X communication	-	-	-	-
roadside assistance call	-	-	•	•
Bluetooth/car phone	•	•	•	•
Mobile phone interconnection/mapping	• Original interconnection/mapping	• Original interconnection/mapping	• Original interconnection/mapping	• Original interconnection/mapping
Voice assistant wake word	• Koala wake up	• Koala wake up	• Koala wake up	• Koala wake up
Voice zone wake-up	• First row	• First row	• First row	• First row
	• Second row	• Second row	• Second row	• Second row
Voice wake-up-free	•	•	•	•
Speech continuous recognition	•	•	•	•
Voice recognition control function	• Intelligent voice control	• Intelligent voice control	• Intelligent voice control	• Intelligent voice control
gesture control	-	-	-	-
face recognition	-	-	-	-
Remote control function	• Door control	• Door control	• Door control	• Door control
	• Vehicle starts	• Vehicle starts	• Vehicle starts	• Vehicle starts
	• Air conditioning control	• Air conditioning control	• Air conditioning control	• Air conditioning control
	• Charging management	• Charging management	• Charging management	• Charging management
	• Vehicle condition inquiry/diagnosis	• Vehicle condition inquiry/diagnosis	• Vehicle condition inquiry/diagnosis	• Vehicle condition inquiry/diagnosis
	• Vehicle positioning/car search	• Vehicle positioning/car search	• Vehicle positioning/car search	• Vehicle positioning/car search
Media entertainment				
Car APP application market	•	•	•	•
Car CD/DVD	-	-	-	-
Multimedia/charging interface	• USB	• USB	• USB	• USB
	• Type-C	• Type-C	• Type-C	• Type-C
Number of USB/Type-C interfaces	• 1 person in the front row/1 person in the back row	• 1 person in the front row/1 person in the back row	• 1 person in the front row/1 person in the back row	• 1 person in the front row/1 person in the back row
In-car entertainment functions	• Karaoke	• Karaoke	• Karaoke	• Karaoke
Rear seat control multimedia	-	-	-	•
Cockpit 220V/230V power supply	-	-	-	• 220V
Luggage compartment power interface	-	-	-	-
audio brand	-	-	-	-
Number of speakers	• 6	• 6	• 6	• 6
Light function				
Low beam light source	• LED	• LED	• LED	• LED
high beam light source	• LED	• LED	• LED	• LED
Lighting features	-	-	-	-
LED daytime running lights	•	•	•	•
Headlight function	• Height adjustment	• Height adjustment	• Height adjustment	• Height adjustment
	• Automatic opening and closing	• Automatic opening and closing	• Automatic opening and closing	• Automatic opening and closing
	• Adaptive high and low beam	• Adaptive high and low beam	• Adaptive high and low beam	• Adaptive high and low beam
	• Delayed shutdown	• Delayed shutdown	• Delayed shutdown	• Delayed shutdown
Turn assist light	-	-	-	-
Front fog lights	-	-	-	-
Headlight cleaning device	-	-	-	-
Car interior ambient light	-	-	-	• Multicolor
glass/rear view mirror				
First row electric windows	•	•	•	•

Second row power windows	•	•	•	•
One-click lifting and lowering of windows	• The whole car	• The whole car	• The whole car	• The whole car
Window anti-pinch function	• The whole car	• The whole car	• The whole car	• The whole car
Multilayer soundproof glass	-	-	-	-
Exterior rearview mirror function	• Electric adjustment	• Electric adjustment	• Electric adjustment	• Electric adjustment
	• Heated rearview mirrors	• Heated rearview mirrors	• Heated rearview mirrors	• Heated rearview mirrors
	• Electric folding	• Electric folding	• Electric folding	• Electric folding
	• Automatic folding when locking the car	• Automatic folding when locking the car	• Automatic folding when locking the car	• Automatic folding when locking the car
Interior rearview mirror function	• Manual anti-dazzle	• Manual anti-dazzle	• Manual anti-dazzle	• Manual anti-dazzle
Rear side privacy glass	-	-	-	-
Rear side sunshades	• Manual	• Manual	• Manual	• Manual
Rear windshield sunshade	-	-	-	-
Car vanity mirror	• Main driving + lighting	• Main driving + lighting	• Main driving + lighting	• Main driving + lighting
Sensing wiper function rear wiper	• Rain sensor type	• Rain sensor type	• Rain sensor type	• Rain sensor type
Heated water nozzle	-	-	-	-
Air conditioning/refrigeration				
First row air conditioner	• Dual temperature zone automatic air conditioning	• Dual temperature zone automatic air conditioning	• Dual temperature zone automatic air conditioning	• Dual temperature zone automatic air conditioning
Second row air conditioner	• Air outlet	• Air outlet	• Air outlet	• 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	-	-	•	•