

Yuanhe Unique New Energy

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	23 models of 305km dynamic version	23 models 305km free version	23 models 405km flying version
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Basic Information

level	Small car	Small car	Small car
Energy type	pure electricity	pure electricity	pure electricity
time to market	2023/4/26	2023/4/26	2023/4/26
CLTC pure electric range [km]	305	305	405
Fast charging time[h]	0.5	0.5	0.5
Fast charging capacity [%]	30-80	30-80	30-80
Motor[Ps]	75	75	75
gearbox	1st gear fixed gear ratio	1st gear fixed gear ratio	1st gear fixed gear ratio
Length*width*height[mm]	3780*1715*1540	3780*1715*1540	3780*1715*1540
Body structure	5-door, 4-seat hatchback	5-door, 4-seat hatchback	5-door, 4-seat hatchback
Maximum speed [km/h]	130	130	130
Vehicle warranty	6 years or 150,000 kilometers	6 years or 150,000 kilometers	6 years or 150,000 kilometers
Exterior color			
interior color			

Body

Length[mm]	3780	3780	3780
Width[mm]	1715	1715	1715
Height[mm]	1540	1540	1540
Wheelbase [mm]	2500	2500	2500
Front wheelbase [mm]	1500	1500	1500
Rear wheelbase [mm]	1500	1500	1500
Car door opening method	swing door	swing door	swing door
Number of doors	5	5	5
number of seats	4	4	4
Approach angle [°]	17	17	17
Departure angle [°]	27	27	27
Minimum turning radius [m]	4.95	4.95	4.95
Official trunk volume [L]	930	930	930
Curb weight [kg]	1160	1160	1240
Full load mass [kg]	1460	1460	1540

electric motor

Number of drive motors	single motor	single motor	single motor
Motor layout	prefix	prefix	prefix
Motor type	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization
Total motor power [kW]	55	55	55
Total motor horsepower [Ps]	75	75	75
Motor total torque [N·m]	135	135	135
Maximum power of front electric motor [kW]	55	55	55
Maximum torque of front electric motor [N·m]	135	135	135

Battery/recharge

Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery brand	Ferdy	Ferdy	Ferdy

Battery temperature management	• Low temperature heating	• Low temperature heating	• Low temperature heating
	• Air cooling	• Air cooling	• Liquid cooling
CLTC pure electric range [km]	305	305	405
Battery power [kWh]	30.08	30.08	38.88
Electricity consumption per 100 kilometers [kWh/100km]	9.6	9.6	9.6
vehicle charging port	• Slow charging port	• Slow charging port	• Slow charging port
	• Quick charging port	• Quick charging port	• Quick charging port
Slow charging port location	• Car right front side	• Car right front side	• Car right front side
Fast charging port location	• Car right front side	• Car right front side	• Car right front side
Fast charging power [kW]	30	30	40
Fast charging time[min]	30	30	30
Fast charging time[h]	0.5	0.5	0.5
Fast charging capacity [%]	30-80	30-80	30-80
Slow charging power [kW]	6.6	6.6	6.6
Vehicle battery swap	-	-	-
Home charging pile	-	-	-
Car charging gun	-	-	-
External discharge function	•	•	•
Battery pack warranty	8 years or 150,000 kilometers	8 years or 150,000 kilometers	8 years or 150,000 kilometers
First owner battery pack warranty	Unlimited years/unlimited mileage (the liability exemption clause shall be subject to the official)	Unlimited years/unlimited mileage (the liability exemption clause shall be subject to the official)	Unlimited years/unlimited mileage (the liability exemption clause shall be subject to the official)
gearbox			
Gearbox description	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
Number of gears	1	1	1
chassis steering			
Drive form	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
rear suspension type	torsion beam non-independent suspension	torsion beam non-independent suspension	torsion beam non-independent suspension
Assist type	electric assist	electric assist	electric assist
Adjustable suspension features	-	-	-
Adjustable suspension types	-	-	-
Body structure	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
rear brake type	• Solid disc type	• Solid disc type	• Solid disc type

Parking brake type	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	● 165/65 R15	● 175/55 R16	● 175/55 R16
Rear tire specifications	● 165/65 R15	● 175/55 R16	● 175/55 R16
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	● First row	● First row	● First row
Tire pressure monitoring	● Tire pressure alarm	● Tire pressure alarm	● Tire pressure alarm
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	-	-	-
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	● Reversing image	● Reversing image	● Reversing image
Chassis perspective	-	-	-
cruise system	● Cruise speed	● Cruise speed	● Cruise speed ○ Adaptive cruise
Driving mode selection	● Sports	● Sports	● Sports
	● Economy	● Economy	● Economy
	● Standard/Comfortable	● Standard/Comfortable	● Standard/Comfortable
	● Snow	● 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 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	-	-	-
ultrasonic radar	● Last 3	● Last 3	● Last 3
surround camera	-	-	-
car camera	-	-	-
External configuration			
Skylight type	-	-	-
Sport appearance package	-	-	-
Electric spoiler	-	-	-
Rim material	● Steel	● Aluminum alloy	● Aluminum alloy
Electric suction door	-	-	-
Automatic opening and closing of car doors	-	-	-
Frameless door	-	-	-
sliding door	-	-	-
roof rack	-	-	-
Key type	● Remote key	● Remote key	● Remote key
	● Bluetooth key	● Bluetooth key	● Bluetooth key
	● NFC/RFID key	● NFC/RFID key	● NFC/RFID key
Keyless start	●	●	●
keyless entry	● Main driver	● Main driver	● Main driver
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	● Plastic	● Imitation leather	● Imitation leather
steering wheel adjustment	● Manual up and down adjustment	● Manual up and down adjustment	● Manual up and down + front and rear adjustment
Shift pattern	Electronic gear shift	Electronic gear shift	Electronic gear shift

Multifunction steering wheel	•	•	•
steering wheel gear shift	-	-	-
Steering wheel heating	-	-	-
Trip computer display	• Color	• Color	• Color
Full LCD instrument panel	-	-	-
Instrument screen size [inches]	• 7	• 7	• 7
HUD heads up display	-	-	-
Built-in driving recorder	-	-	-
Mobile phone wireless charging	-	• First row	• First row
ETC device	-	-	-
Active noise reduction	-	-	-
Electrically adjustable pedals	-	-	-
Seat configuration			
seat material	• Imitation leather	• Imitation leather	• Imitation leather
Sports style seats	•	•	•
Electric driver's seat adjustment	-	-	• Electric adjustment
Passenger seat electric adjustment	-	-	-
Driver's seat adjustment method	• Front and back adjustment	• Front and back adjustment	• Front and back adjustment
	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
Passenger seat adjustment method	• Front and back adjustment	• Front and back adjustment	• Front and back adjustment
	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
First row seat functions	-	-	-
Boss button	-	-	-
Electrically adjustable second row seats	-	-	-
Second row seat adjustment method	-	-	-
Second row seat functions	-	-	-
center armrest	• First row	• First row	• First row
Seat layout	• 2+2	• 2+2	• 2+2
Rear seat folding method	• Left down as a whole	• Left down as a whole	• Left down as a whole
Electrically reclining rear seats	-	-	-
Rear cup holder	-	-	-
Heated/cooled cup holder	-	-	-
Rear folding table	-	-	-
Car/Internet			
Central control color screen	• Touch LCD screen	• Touch LCD screen	• Touch LCD screen
Central control screen size [inch]	• 10.1	• 10.1	• 10.1
Passenger screen	-	-	-
Vehicle system	DiLink	DiLink	DiLink
Vehicle-to-machine network	• 4G	• 4G	• 4G
OTA upgrade	• Car and machine OTA	• Car and machine OTA	• Car and machine OTA
Car WiFi function	• WiFi connection	• WiFi connection	• WiFi connection
	• WiFi hotspot	• WiFi hotspot	• WiFi hotspot
Car navigation map	• Gaode	• Gaode	• Gaode
V2X communication	-	-	-

roadside assistance call	-	-	-
Bluetooth/car phone	•	•	•
Mobile phone interconnection/mapping	-	-	-
Voice assistant wake word	• Hello, Xiaodi	• Hello, Xiaodi	• Hello, Xiaodi
Voice zone wake-up	• Main driver	• Main driver	• Main driver
Voice wake-up-free	•	•	•
Speech continuous recognition	-	-	-
Voice recognition control function	• Multimedia system	• Multimedia system	• Multimedia system
	• Navigation	• Navigation	• Navigation
	• Telephone	• Telephone	• Telephone
	• Air conditioning	• Air conditioning	• Air conditioning
gesture control	-	-	-
face recognition	-	-	-
Remote control function	• Vehicle starts	• Vehicle starts	• Vehicle starts
	• Charging management	• Charging management	• Charging management
	• Maintenance/repair appointment	• 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.)	• 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	• USB
Number of USB/Type-C interfaces	• 1 person in the front row	• 1 person in the front row	• 1 person in the front row
Rear seat control multimedia	-	-	-
Cockpit 220V/230V power supply	-	-	-
Luggage compartment power interface	-	-	-
audio brand	-	-	-
Number of speakers	• 4	• 4	• 4
Light function			
Low beam light source	• Halogen	• LED	• LED
high beam light source	• Halogen	• LED	• LED
Lighting features	-	-	-
LED daytime running lights	-	•	•
Headlight function	• Height adjustment	• Height adjustment	• Height adjustment
	• Automatic opening and closing	• Automatic opening and closing	• Automatic opening and closing
	• Delayed shutdown	• Delayed shutdown	• Delayed shutdown
			○ Adaptive high and low beam
Turn assist light	-	-	-
Front fog lights	-	-	-
Headlight cleaning device	-	-	-
Car interior ambient light	-	-	-
glass/rear view mirror			
First row electric windows	•	•	•
Second row electric windows	•	•	•
One-click lifting and lowering of windows	-	• Driving position	• Driving position

Window anti-pinch function	-	• Driving position	• Driving position
Multilayer soundproof glass	-	-	-
Exterior rearview mirror function	• Electric adjustment	• Electric adjustment	• Electric adjustment
	• Heated rearview mirrors	• Heated rearview mirrors	• Heated rearview mirrors
Interior rearview mirror function	• Manual anti-dazzle	• Manual anti-dazzle	• Manual anti-dazzle
Rear side privacy glass	-	-	-
Rear side sunshades	-	-	-
Rear windshield sunshade	-	-	-
Car vanity mirror	• Main driving + lighting	• Main driving + lighting	• Main driving + lighting
	• Co-pilot + lighting	• Co-pilot + lighting	• Co-pilot + lighting
Sensing wiper function	-	-	-
rear wiper	-	-	-
Heated water nozzle	-	-	-
Air conditioning/refrigeration			
First row air conditioner	• Manual air conditioner	• Manual air conditioner	• Manual air conditioner
Second row air conditioner	-	-	-
Third row air conditioner	-	-	-
air quality monitoring	-	-	-
In-car PM2.5 filter device	-	-	-
Car air purifier	-	-	-
negative ion generator	-	-	-
Fragrance system	-	-	-
car refrigerator	-	-	-
Optional package			
Peace of mind package	-	-	○ Optional 3000
	Adaptive cruise control, automatic emergency braking, lane departure warning, traffic sign recognition, intelligent speed limit alarm, forward collision warning, intelligent high and low beam assist		