

Yuanhe Unique New Energy

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Parameter configuration	23 DM-i Champion Edition 1.5L 110km flagship model	23 DM-i Champion Edition 1.5L 110km flagship PLUS	23 DM-i Champion Edition 1.5L 150km flagship PLUS	23 DM-i Champion Edition 1.5L 150km flagship PLUS 5G
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Basic Information

level	Compact SUV	Compact SUV	Compact SUV	Compact SUV
Energy type	plug-in hybrid	plug-in hybrid	plug-in hybrid	plug-in hybrid
Environmental protection standards	National VI	National VI	National VI	National VI
time to market	2023/6/19	2023/6/19	2023/6/19	2023/6/19
CLTC pure electric range [km]	-	-	-	-
WLTC pure electric range [km]	85	85	116	116
NEDC pure electric range [km]	110	110	150	150
Fast charging time[h]	1	1	1	1
Fast charging capacity [%]	-	-	-	-
Slow charging time[h]	5.5	5.5	3.8	3.8
engine	1.5L 110 HP L4	1.5L 110 HP L4	1.5L 110 HP L4	1.5L 110 HP L4
Maximum power/maximum torque	81kW/135N·m	81kW/135N·m	81kW/135N·m	81kW/135N·m
Motor[Ps]	197	197	197	197
gearbox	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)
Length*width*height[mm]	4775*1890*1670	4775*1890*1670	4775*1890*1670	4775*1890*1670
Body structure	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV
Maximum speed [km/h]	170	170	170	170
Official 0-100km/h acceleration [s]	8.3	8.3	8.5	8.5
WLTC comprehensive fuel consumption [L/100km]	-	-	-	-
NEDC comprehensive fuel consumption [L/100km]	-	-	-	-
Fuel consumption in low power state [L/100km]	5.3	5.3	5.4	5.4
Vehicle warranty	6 years or 150,000 kilometers	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]	4775	4775	4775	4775
Width[mm]	1890	1890	1890	1890
Height[mm]	1670	1670	1670	1670
Wheelbase [mm]	2765	2765	2765	2765
Front wheelbase [mm]	1630	1630	1630	1630
Rear wheelbase [mm]	1630	1630	1630	1630
Car door opening method	swing door	swing door	swing door	swing door
Number of doors	5	5	5	5
number of seats	5	5	5	5
Approach angle [°]	19	19	19	19
Departure angle [°]	twenty one	twenty one	twenty one	twenty one
Minimum ground clearance with full load [mm]	-	-	-	-
Minimum turning radius [m]	5.55	5.55	5.55	5.55
Fuel tank volume [L]	60	60	60	60
Official trunk volume [L]	574-1600	574-1600	574-1600	574-1600
Curb weight [kg]	1830	1830	1830	1830
Full load mass [kg]	2205	2205	2205	2205

engine

engine model	BYD472QA	BYD472QA	BYD472QA	BYD472QA
Displacement [mL]	1498	1498	1498	1498
Displacement[L]	1.5	1.5	1.5	1.5
Intake form	inhale naturally	inhale naturally	inhale naturally	inhale naturally

Engine layout	horizontal	horizontal	horizontal	horizontal
Cylinder arrangement	L	L	L	L
Number of cylinders [number]	4	4	4	4
Number of valves per cylinder [number]	4	4	4	4
Air Supply	DOHC	DOHC	DOHC	DOHC
Maximum power [kW]	81	81	81	81
Maximum horsepower[Ps]	110	110	110	110
Maximum power speed [rpm]	6000	6000	6000	6000
Maximum torque [N·m]	135	135	135	135
Maximum torque speed [rpm]	4500	4500	4500	4500
Maximum net power [kW]	78	78	78	78
fuel grade	No. 92	No. 92	No. 92	No. 92
Fuel supply method	Multi-point EFI	Multi-point EFI	Multi-point EFI	Multi-point EFI
Cylinder head material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Cylinder material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Environmental protection standards	National VI	National VI	National VI	National VI
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]	145	145	145	145
Total motor horsepower [Ps]	197	197	197	197
Motor total torque [N·m]	325	325	325	325
Maximum power of front electric motor [kW]	145	145	145	145
Maximum torque of front electric motor [N·m]	325	325	325	325
Maximum power of rear electric motor [kW]	-	-	-	-
Maximum torque of rear electric motor [N·m]	-	-	-	-
System comprehensive power [kW]	-	-	-	-
Battery/recharge				
Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery brand	Ferdy	Ferdy	Ferdy	Ferdy
Battery temperature management	• Low temperature heating	• Low temperature heating	• Low temperature heating	• Low temperature heating
CLTC pure electric range [km]	-	-	-	-
WLTC pure electric range [km]	85	85	116	116
NEDC pure electric range [km]	110	110	150	150
Battery power [kWh]	18.3	18.3	26.6	26.6
Battery energy density [Wh/kg]	-	-	-	-
Electricity consumption per 100 kilometers [kWh/100km]	-	-	-	-
vehicle charging port	• Slow charging port • Quick charging port	• Slow charging port • Quick charging port	• Slow charging port • Quick charging port	• Slow charging port • Quick charging port
Slow charging port location	• Right rear side of car	• Right rear side of car	• Right rear side of car	• Right rear side of car
Fast charging port location	• Right rear side of car	• Right rear side of car	• Right rear side of car	• Right rear side of car
Fast charging power [kW]	18	18	18	18
Fast charging time[min]	60	60	60	60
Fast charging time[h]	1	1	1	1
Fast charging capacity [%]	-	-	-	-
Slow charging power [kW]	3.3	3.3	7	7
Slow charging time[h]	5.5	5.5	3.8	3.8
Vehicle battery swap	-	-	-	-
Home charging pile	-	-	-	-
Car charging gun	•	•	•	•

External discharge function	•	•	•	•
External discharge power	• 3.3kW	• 3.3kW	• 6kW	• 6kW
Battery pack warranty	8 years or 150,000 kilometers	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)	Unlimited years/unlimited mileage (the liability exemption clause shall be subject to the official)
gearbox				
Gearbox description	E-CVT continuously variable transmission	E-CVT continuously variable transmission	E-CVT continuously variable transmission	E-CVT continuously variable transmission
Gearbox type	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)
Number of gears	-	-	-	-
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	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension
Assist type	electric assist	electric assist	electric assist	electric assist
Adjustable suspension features	-	-	• Soft and hard adjustment	• Soft and hard adjustment
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	• 235/50 R19	• 235/50 R19	• 235/50 R19	• 235/50 R19
Rear tire specifications	• 235/50 R19	• 235/50 R19	• 235/50 R19	• 235/50 R19
Spare tire	• Tire repair tools only	• Tire repair tools only	• Tire repair tools only	• 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	• The whole car	• The whole car	• The whole car	• The whole car
Tire pressure monitoring	• Tire pressure display	• Tire pressure display	• Tire pressure display	• Tire pressure display
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	• 360-degree panoramic image	• 360-degree panoramic image	• 360-degree panoramic image	• 360-degree panoramic image
Chassis perspective	•	•	•	•
cruise system	• Cruise speed	• Full-speed adaptive cruise	• Full-speed adaptive cruise	• Full-speed adaptive cruise
Driving mode selection	• Sports	• Sports	• Sports	• Sports
	• Economy	• Economy	• Economy	• Economy
	• Standard/Comfortable	• Standard/Comfortable	• Standard/Comfortable	• Standard/Comfortable
	• Snow	• 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 sensor 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	-	-	-	-
Reverse tracking	-	-	-	-
Assisted driving hardware				
Driving assistance level	-	• L2	• L2	• L2
Assisted driving system	-	• DiPilot	• DiPilot	• DiPilot
millimeter wave radar	-	• 1	• 3	• 3
ultrasonic radar	• First 2/Last 4	• First 2/Last 4	• First 2/Last 4	• First 6/Last 6
Front sensing camera type	-	• monocular	• monocular	• monocular
Environment aware camera	-	• 1	• 1	• 1
surround camera	• 4	• 4	• 4	• 4
car camera	-	-	-	-
External configuration				
Skylight type	• The panoramic sunroof can be opened	• The panoramic sunroof can be opened	• The panoramic sunroof can be opened	• The panoramic sunroof can 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	-	-	-	-
roof rack	•	•	•	•
Key type	• Remote key	• Remote key	• Remote key	• Remote key
	• Bluetooth key	• Bluetooth key	• Bluetooth key	• Bluetooth key
	• NFC/RFID key	• NFC/RFID key	• NFC/RFID key	• NFC/RFID key
Keyless start	•	•	•	•
keyless entry	• First row	• First row	• First row	• First row
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	-	-	-	-
Trailer power outlet	-	-	-	-
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 shift	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	• Color
Full LCD instrument panel	•	•	•	•
Instrument screen size [inches]	• 12.3	• 12.3	• 12.3	• 12.3
HUD heads up display	-	-	-	-
Built-in driving recorder	•	•	•	•
Mobile phone wireless charging	-	-	• First row	• First row
ETC device	-	-	-	-
Active noise reduction	-	-	-	-
Electrically adjustable pedals	-	-	-	-
Single pedal mode	-	-	-	-
Seat configuration				
seat material	• Imitation leather	• Imitation leather	• Imitation leather	• Imitation leather
Sports style seats	-	-	-	-
Electric driver's seat adjustment	• Electric adjustment	• Electric adjustment	• Electric adjustment	• Electric adjustment
Passenger seat electric adjustment	-	• Electric adjustment	• Electric adjustment	• Electric adjustment
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 (4-way)	• Height adjustment (4-way)	• Height adjustment (4-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	• Heating	• Heating
	-	• Ventilation	• Ventilation	• Ventilation
Boss button	-	-	-	-
Electrically adjustable second row seats	-	-	-	-
Second row seat adjustment method	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
Second row seat functions	-	-	-	-
center armrest	• First row	• First row	• First row	• First row
	• Second row	• Second row	• Second row	• Second row
Seat layout	• 2+3	• 2+3	• 2+3	• 2+3
Rear seat folding method	• Inverted proportions	• Inverted proportions	• Inverted proportions	• Inverted proportions

Electrically reclining rear seats	-	-	-	-
Rear cup holder	• Second row	• Second row	• Second row	• Second row
Heated/cooled cup holder	-	-	-	-
Rear folding table	-	-	-	-
Car/Internet				
Central control color screen	• Touch LCD screen	• Touch LCD screen	• Touch LCD screen	• Touch LCD screen
Central control screen size [inch]	• 12.8	• 12.8	• 12.8	• 15.6
Central control screen material	• LCD	• LCD	• LCD	• LCD
Passenger screen	-	-	-	-
Vehicle system	DiLink	DiLink	DiLink	DiLink
Vehicle system memory [GB]	• 8	• 8	• 8	• 8
Vehicle system storage [GB]	• 128	• 128	• 128	• 128
Vehicle-to-machine network	• 4G	• 4G	• 4G	• 5G
OTA upgrade	• Car and machine OTA	• Car and machine OTA	• Car and machine OTA	• Car and machine 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	-	-	-	-
Voice assistant wake word	• Hello, Xiaodi	• Hello, Xiaodi	• Hello, Xiaodi	• Hello, Xiaodi
Voice zone wake-up	• Main driver	• Main driver	• Main driver	• Main driver
Voice wake-up-free	-	-	-	-
Voice recognition control function	• Multimedia system	• Multimedia system	• Multimedia system	• Multimedia system
	• Navigation	• Navigation	• Navigation	• Navigation
	• Telephone	• Telephone	• Telephone	• Telephone
	• Air conditioning	• Air conditioning	• Air conditioning	• Air conditioning
	• Skylight	• Skylight	• Skylight	• Skylight
gesture control	-	-	-	-
face recognition	-	-	-	-
Remote control function	• Door control	• Door control	• Door control	• Door control
	• Car light control	• Car light control	• Car light control	• Car light 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
	• Maintenance/repair appointment	• 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.)	• 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	• USB
	• Type-C	• Type-C	• Type-C	• Type-C
Number of USB/Type-C interfaces	• 2 in the front row/2 in the back row	• 2 in the front row/2 in the back row	• 2 in the front row/2 in the back row	• 2 in the front row/2 in the back row
In-car entertainment functions	-	-	-	• Karaoke
Rear seat control multimedia	-	-	-	-
Cockpit 220V/230V power supply	-	-	-	-
Luggage compartment power interface	-	-	-	-
audio brand	-	-	-	• Infinity Yan Feilishi
Number of speakers	• 9	• 9	• 9	• 10
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
	• Delayed shutdown	• Delayed shutdown	• Delayed shutdown	• Delayed shutdown
Turn assist light	-	-	-	-
Front fog lights	-	-	-	-
Headlight cleaning device	-	-	-	-
Car interior ambient light	• Single color	• 31 colors	• 31 colors	• 31 colors
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	• First row	• First row	• First row	• First row
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	• 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	• Main driving + lighting	• Main driving + lighting
	• Co-pilot + 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	• 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	-	-	-	-
Featured configuration				
Mobile power station	•	•	•	•
Adaptive rotating suspension Pad	•	•	•	•