

Yuanhe Unique New Energy

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	21 DM-i 1.5T 112KM front-wheel drive premium model	21 DM-i 1.5T 112KM front-wheel drive premium model
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Basic Information

level	Medium SUV	Medium SUV
Energy type	plug-in hybrid	plug-in hybrid
Environmental protection standards	National VI	National VI
time to market	2021/4/19	2021/4/19
CLTC pure electric range [km]	-	-
WLTC pure electric range [km]	-	-
NEDC pure electric range [km]	112	112
Fast charging time[h]	0.5	0.5
Fast charging capacity [%]	-	-
Slow charging time[h]	3	3
engine	1.5T 139 horsepower L4	1.5T 139 horsepower L4
Maximum power/maximum torque	102kW/231N·m	102kW/231N·m
Motor[Ps]	218	218
gearbox	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)
Length*width*height[mm]	4870*1950*1725	4870*1950*1725
Body structure	5-door, 7-seater SUV	5-door, 7-seater SUV
Maximum speed [km/h]	180	180
Official 0-100km/h acceleration [s]	8.5	8.5
WLTC comprehensive fuel consumption [L/100km]	1.89	1.89
NEDC comprehensive fuel consumption [L/100km]	1.2	1.2
Fuel consumption in low power state [L/100km]	5.5	5.5
Vehicle warranty	6 years or 150,000 kilometers	6 years or 150,000 kilometers
First owner warranty policy	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)
Exterior color		
interior color		

Body		
Length[mm]	4870	4870
Width[mm]	1950	1950
Height[mm]	1725	1725
Wheelbase [mm]	2820	2820
Front wheelbase [mm]	1650	1650
Rear wheelbase [mm]	1630	1630
Car door opening method	swing door	swing door
Number of doors	5	5
number of seats	7	7
Approach angle [°]	twenty one	twenty one
Departure angle [°]	twenty one	twenty one
Minimum turning radius [m]	5.9	5.9
Fuel tank volume [L]	53	53
Official trunk volume [L]	235-1655	235-1655
Curb weight [kg]	2130	2130
Full load mass [kg]	2755	2755
engine		
engine model	BYD476ZQC	BYD476ZQC
Displacement [mL]	1497	1497
Displacement[L]	1.5	1.5
Intake form	turbocharging	turbocharging
Engine layout	horizontal	horizontal
Cylinder arrangement	L	L
Number of cylinders [number]	4	4
Number of valves per cylinder [number]	4	4
Air Supply	DOHC	DOHC
Maximum power [kW]	102	102
Maximum horsepower[Ps]	139	139
Maximum torque [N·m]	231	231
Maximum net power [kW]	96	96
fuel mark	No. 92	No. 92
Fuel supply method	direct injection	direct injection
Cylinder head material	Aluminum alloy	Aluminum alloy
Cylinder material	Aluminum alloy	Aluminum alloy
Environmental protection standards	National VI	National VI
electric motor		
Number of drive motors	single motor	single motor
Motor layout	prefix	prefix
Motor type	Permanent magnet synchronization	Permanent magnet synchronization
Total motor power [kW]	160	160
Total motor horsepower [Ps]	218	218
Motor total torque [N·m]	325	325

Maximum power of front electric motor [kW]	160	160
Maximum torque of front electric motor [N·m]	325	325
Maximum power of rear electric motor [kW]	-	-
Maximum torque of rear electric motor [N·m]	-	-
Battery/recharge		
Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery brand	Ferdy	Ferdy
Battery temperature management	<ul style="list-style-type: none"> • Low temperature heating 	<ul style="list-style-type: none"> • Low temperature heating
CLTC pure electric range [km]	-	-
WLTC pure electric range [km]	-	-
NEDC pure electric range [km]	112	112
NEDC comprehensive range [km]	-	-
Battery power [kWh]	21.5	21.5
Battery energy density [Wh/kg]	-	-
Electricity consumption per 100 kilometers [kWh/100km]	17.5	17.5
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
Slow charging port location	<ul style="list-style-type: none"> • Right rear side of car 	<ul style="list-style-type: none"> • Right rear side of car
Fast charging port location	<ul style="list-style-type: none"> • Right rear side of car 	<ul style="list-style-type: none"> • Right rear side of car
Fast charging power [kW]	-	-
Fast charging time[min]	30	30
Fast charging time[h]	0.5	0.5
Fast charging capacity [%]	-	-
Slow charging time[h]	3	3
Vehicle battery swap	-	-
Home charging pile	•	•
Car charging gun	•	•
External discharge function	•	•
External discharge power	<ul style="list-style-type: none"> • 3.3kW 	<ul style="list-style-type: none"> • 3.3kW
Battery pack warranty	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)
gearbox		
Gearbox description	E-CVT continuously variable transmission	E-CVT continuously variable transmission
Gearbox type	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
four-wheel drive	-	-
Center differential structure	-	-
Front suspension type	MacPherson independent suspension	MacPherson independent suspension
rear suspension type	Multi-link independent suspension	Multi-link independent suspension
Assist type	electric assist	electric assist
Adjustable suspension features	-	-
Adjustable suspension types	-	-
Body structure	Load-bearing	Load-bearing
limited slip differential	-	-
differential lock	-	-
wheel brake		
Front brake type	• Ventilated disc type	• Ventilated disc type
rear brake type	• Solid disc type	• Solid disc type
Parking brake type	Electronic parking	Electronic parking
Front tire specifications	• 245/45R20	• 245/45R20
Rear tire specifications	• 245/45R20	• 245/45R20
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
Tire pressure monitoring	• 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
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
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	-	-
Anti-rollover 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	-	-
Automatic ramp exit/entry	-	-
Reverse tracking	-	-
Assisted driving hardware		
Driving assistance level	• L2	• L2
Assisted driving system	• DiPilot	• DiPilot
millimeter wave radar	• 1	• 3
ultrasonic radar	• Front 4/Last 4	• Front 4/Last 4
Front sensing camera type	• monocular	• monocular
Environment aware camera	• 1	• 1
surround camera	• 4	• 4
car camera	-	-
External configuration		
Skylight type	• The panoramic sunroof can be opened	• The panoramic sunroof can be opened
Sport appearance package	-	-
Electric spoiler	-	-
Rim material	• 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
	• Bluetooth key	• Bluetooth key
	• NFC/RFID key	• NFC/RFID key
Keyless start	•	•

keyless entry	● 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	●	●
Internal configuration		
Steering wheel material	● Leather	● Leather
steering wheel 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
Multifunction steering wheel	●	●
steering wheel gear shift	-	-
Steering wheel heating	-	-
Trip computer display	● Color	● Color
Full LCD instrument panel	-	●
Instrument screen size [inches]	-	● 12.3
Instrument screen material	● LCD	● LCD
HUD heads up display	-	-
Built-in driving recorder	●	●
Mobile phone wireless charging	● First row	● First row
Maximum wireless charging power of mobile phones [W]	-	-
ETC device	-	-
Active noise reduction	-	-
Electrically adjustable pedals	-	-
Single pedal mode	-	-
Seat configuration		
seat material	● Imitation leather	● Genuine leather
Sports style seats	-	-
Electric driver's seat adjustment	● Electric adjustment	● Electric adjustment with memory
Passenger seat electric adjustment	● Electric adjustment	● Electric adjustment

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)
Passenger seat adjustment method	• Front and back adjustment	• Front and back adjustment
	• Backrest adjustment	• Backrest adjustment
		• Waist adjustment (4-way)
		• Leg rest adjustment
First row seat functions	• Heating	• Heating
	• Ventilation	• Ventilation
Boss button	-	-
Electrically adjustable second row seats	-	-
Second row seat adjustment method	• Front and back adjustment	• Front and back adjustment
	• Backrest adjustment	• Backrest adjustment
Second row seat functions	-	-
center armrest	• First row	• First row
	• Second row	• Second row
Seat layout	• 2+3+2	• 2+3+2
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	• 15.6
Central control screen material	• LCD	• LCD
Central control screen resolution [px]	• 1920 x 1080	• 1920 x 1080
Passenger screen	-	-
Vehicle system	DiLink	DiLink
Vehicle system memory [GB]	• 8	• 8
Vehicle system storage [GB]	• 128	• 128
Vehicle-to-machine network	• 4G	• 4G
OTA upgrade	• Vehicle OTA	• Vehicle OTA

Car WiFi function	• WiFi connection	• WiFi connection
	• WiFi hotspot	• WiFi hotspot
Car navigation map	• Gaode	• Gaode
V2X communication	-	-
roadside assistance call	•	•
Bluetooth/car phone	•	•
Mobile phone interconnection/mapping	-	-
Voice assistant wake word	• Hello, Xiaodi	• Hello, Xiaodi
Voice zone wake-up	• Main driver	• Main driver
Voice wake-up-free	-	-
Speech continuous recognition	-	-
Voice recognition control function	• Multimedia system	• Multimedia system
	• Navigation	• Navigation
	• Telephone	• Telephone
	• Air conditioning	• Air conditioning
	• Skylight	• Skylight
gesture control	-	-
face recognition	-	-
Remote control function	• Door control	• Door control
	• Vehicle starts	• Vehicle starts
	• Air conditioning control	• Air conditioning control
		• Charging management
		• Vehicle condition inquiry/diagnosis
	• Vehicle positioning/car search	
Media entertainment		
Split screen function	-	-
Car APP application market	•	•
Car CD/DVD	-	-
Multimedia/charging interface	• USB	• USB
	• SD	• SD
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
In-car entertainment functions	-	-
Rear seat control multimedia	-	-
Cockpit 220V/230V power supply	-	-
Luggage compartment power interface	• 12V	• 12V
audio brand	-	-
Number of speakers	• 9	• 12
Light function		

Low beam light source	• LED	• LED
high beam light source	• LED	• LED
Lighting features	• Matrix	• Matrix
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
	• Rain and fog mode	• Rain and fog mode
Turn assist light	•	•
Front fog lights	-	-
Headlight cleaning device	-	-
Car interior ambient light	-	• 31 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	• First row	• First row
Exterior rearview mirror function	• Electric adjustment	• Electric adjustment
	• Heated rearview mirrors	• Heated rearview mirrors
	• Electric folding	• Electric folding
	• Automatic folding when locking the car	• Rearview mirror memory
		• Automatically roll down when reversing
		• Automatic folding when locking the car
Interior rearview mirror function	• Manual anti-dazzle	• Automatic anti-dazzle
Rear side privacy glass	•	•
Rear side sunshades	-	-
Rear windshield sunshade	-	-
Car vanity mirror	• Main driving + lighting	• Main driving + lighting
	• Co-pilot + lighting	• Co-pilot + lighting
Sensing wiper function rear wiper	• 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

Second row air conditioner	● 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		
It can be said that it is visible	-	-
Brembo racing grade brake system	-	-
Adaptive rotating suspension Pad	-	-
Mobile power station	-	-
Optional package		
Six-seater premium combination package	-	-
	<p>2+2+2 seat layout, sky gray interior (exclusive for six seats, no high-end microfiber suede), dragon scale pattern NAPPA leather seats (front + second row), main/passenger seat massage, third Second-row seat massage, second-row seat front/rear/backrest 4-way electric adjustment, second-row seat lumbar support 4-way electric adjustment, second-row seat ventilation, second-row seat heating, second-row seat Dual USB charging ports (right), dual cup holders in the second row of seats (left), second-row seat headrest side wings and height adjustment</p>	