

Yuanhe Unique New Energy

Email: wenbin_zheng@hotmail.com WhatsApp: +86 139 0639 1027

20 EV 605km two-wheel drive ultra-long range luxury version

Basic Information

level	Medium and large cars
Energy type	pure electricity
Environmental protection standards	-
time to market	2020/7/12
CLTC pure electric range [km]	-
WLTC pure electric range [km]	-
NEDC pure electric range [km]	605
Fast charging time[h]	0.42
Fast charging capacity [%]	30-80
Slow charging time[h]	-
engine	-
Maximum power/maximum torque	-
Motor[Ps]	222
gearbox	1st gear fixed gear ratio
Length*width*height[mm]	4980*1910*1495
Body structure	4-door, 5-seat sedan
Maximum speed [km/h]	185
Official 0-100km/h acceleration [s]	7.9
WLTC comprehensive fuel consumption [L/100km]	-
Fuel consumption in low power state [L/100km]	-
Vehicle warranty	6 years or 150,000 kilometers
Exterior color	
interior color	
Body	
Length[mm]	4980
Width[mm]	1910
Height[mm]	1495
Wheelbase [mm]	2920
Front wheelbase [mm]	1640
Rear wheelbase [mm]	1640
Car door opening method	swing door
Number of doors	4
number of seats	5
Approach angle [°]	13.5
Departure angle [°]	13.6
Minimum turning radius [m]	-
Drag coefficient [Cd]	-
Fuel tank volume [L]	-
Official trunk volume [L]	-
Curb weight [kg]	2020
Full load mass [kg]	2395

engine	
engine model	-
Displacement [mL]	-
Displacement[L]	-
Intake form	-
Engine layout	-
Cylinder arrangement	-
Number of cylinders [number]	-
Number of valves per cylinder [number]	-
Air Supply	-
Maximum power [kW]	-
Maximum horsepower[Ps]	-
Maximum torque [N·m]	-
Maximum net power [kW]	-
fuel mark	-
Fuel supply method	-
Cylinder head material	-
Cylinder material	-
Environmental protection standards	-
electric motor	
Number of drive motors	single motor
Motor layout	prefix
Motor type	Permanent magnet synchronization
Total motor power [kW]	163
Total motor horsepower [Ps]	222
Motor total torque [N·m]	330
Maximum power of front electric motor [kW]	163
Maximum torque of front electric motor [N·m]	330
Maximum power of rear electric motor [kW]	-
Maximum torque of rear electric motor [N·m]	-
Battery/recharge	
Battery Type	Lithium iron phosphate battery
Battery brand	BYD
Battery temperature management	• Low temperature heating
	• Liquid cooling
CLTC pure electric range [km]	-
WLTC pure electric range [km]	-
NEDC pure electric range [km]	605
Battery power [kWh]	76.9
Battery energy density [Wh/kg]	-
Electricity consumption per 100 kilometers [kWh/100km]	14.1
vehicle charging port	• Slow charging port

vehicle charging port	<ul style="list-style-type: none"> • Quick charging port
Slow charging port location	<ul style="list-style-type: none"> • Right rear side of car
Fast charging port location	<ul style="list-style-type: none"> • Car left rear side
Fast charging power [kW]	-
Fast charging time[min]	25
Fast charging time[h]	0.42
Fast charging capacity [%]	30-80
Slow charging time[h]	-
Vehicle battery swap	-
Home charging pile	•
Car charging gun	•
External discharge function	•
External discharge power	<ul style="list-style-type: none"> • 3.3kW
Battery pack warranty	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)
gearbox	
Gearbox description	Electric vehicle single speed gearbox
Gearbox type	Fixed gear ratio
Number of gears	1
chassis steering	
Drive form	Front wheel drive
four-wheel drive	-
Center differential structure	-
Front suspension type	MacPherson independent suspension
rear suspension type	Multi-link independent suspension
Assist type	electric assist
Adjustable suspension features	-
Adjustable suspension types	-
Body structure	Load-bearing
limited slip differential	-
differential lock	-
wheel brake	
Front brake type	<ul style="list-style-type: none"> • Ventilated disc type
rear brake type	<ul style="list-style-type: none"> • Solid disc type
Parking brake type	Electronic parking
Front tire specifications	<ul style="list-style-type: none"> • 245/45 R19
Rear tire specifications	<ul style="list-style-type: none"> • 245/45 R19
Spare tire	<ul style="list-style-type: none"> • 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	• The whole car
Tire pressure monitoring	• 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
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
Chassis perspective	-
cruise system	• Full-speed adaptive cruise
Driving mode selection	• Sports
	• Economy
	• 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	-
Automatic ramp exit/entry	-
Reverse tracking	-
Assisted driving hardware	
Driving assistance level	● L2
Assisted driving system	● DiPilot
millimeter wave radar	● 1
ultrasonic radar	● First 6/Last 6
Front sensing camera type	● monocular
Environment aware camera	● 1
surround camera	● 4
car camera	● 1
External configuration	
Skylight type	● The panoramic sunroof can 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
	● NFC/RFID key
Keyless start	●
keyless entry	● First row
Hidden electric door handle	●
Active closing air intake grille	●
Electric tailgate	○ Optional
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	● Genuine 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 material	-
HUD heads up display	-
Built-in driving recorder	•
Mobile phone wireless charging	• First row
ETC device	-
Active noise reduction	-
Electrically adjustable pedals	-
Single pedal mode	•
Seat configuration	
seat material	• Imitation leather
Sports style seats	-
Electric driver's seat adjustment	• Electric adjustment
Passenger seat electric adjustment	• Electric adjustment
Driver's seat adjustment method	• Front and back adjustment
	• Backrest adjustment
	• Height adjustment (2-way)
	• Waist adjustment (4-way)
Passenger seat adjustment method	• Front and back adjustment
	• Backrest adjustment
First row seat functions	• Heating (main driver)
	• Ventilation (main driver)
Boss button	•
Electrically adjustable second row seats	-
Second row seat adjustment method	-
Second row seat functions	-
center armrest	• First row
	• Second row
Seat layout	• 2+3
Rear seat folding method	-
Electrically reclining rear seats	-
Rear cup holder	• Second row
Heated/cooled cup holder	-
Rear folding table	-
Car/Internet	
Central control color screen	• Touch LCD screen
Central control screen size [inch]	• 15.6
Central control screen material	-
Central control screen resolution [px]	-
Central control screen refresh rate [Hz]	-
Passenger screen	-
Vehicle system	-
Vehicle system memory [GB]	-

Vehicle system storage [GB]	-
Vehicle-to-machine network	• 4G
OTA upgrade	• Car and machine OTA
Car WiFi function	• WiFi connection
	• WiFi hotspot
Car navigation map	• Gaode
V2X communication	-
roadside assistance call	•
Bluetooth/car phone	•
Mobile phone interconnection/mapping	-
Voice assistant wake word	• Hello, Xiaodi
Voice zone wake-up	• Main driver
Voice wake-up-free	-
Speech continuous recognition	-
Voice recognition control function	• Multimedia system
	• Navigation
	• Telephone
	• Air conditioning
	• Skylight
gesture control	-
face recognition	-
Remote control function	• Door control
	• Vehicle starts
	• Air conditioning control
Media entertainment	
Split screen function	-
Car APP application market	•
Car CD/DVD	-
Multimedia/charging interface	• USB
	• SD
Number of USB/Type-C interfaces	• 4 people in the front row/2 people in the back row
In-car entertainment functions	-
simulated sound	-
Rear seat control multimedia	-
Cockpit 220V/230V power supply	-
Luggage compartment power interface	-
audio brand	-
Number of speakers	• 8
Light function	
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

	<ul style="list-style-type: none"> • Delayed shutdown
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	<ul style="list-style-type: none"> • The whole car
Window anti-pinch function	<ul style="list-style-type: none"> • The whole car
Multilayer soundproof glass	<ul style="list-style-type: none"> • First row
Exterior rearview mirror function	<ul style="list-style-type: none"> • Electric adjustment
	<ul style="list-style-type: none"> • Heated rearview mirrors
	<ul style="list-style-type: none"> • Electric folding
	<ul style="list-style-type: none"> • Automatic folding when locking the car
Interior rearview mirror function	<ul style="list-style-type: none"> • Manual anti-dazzle
Rear side privacy glass	•
Rear side sunshades	-
Rear windshield sunshade	-
Car vanity mirror	<ul style="list-style-type: none"> • Main driving + lighting
	<ul style="list-style-type: none"> • Co-pilot + lighting
Sensing wiper function rear wiper	<ul style="list-style-type: none"> • Rain sensor type
Heated water nozzle	-
Air conditioning/refrigeration	
First row air conditioner	<ul style="list-style-type: none"> • Dual temperature zone automatic air conditioning
Second row air conditioner	<ul style="list-style-type: none"> • 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	
High-performance Chinese red four-piston fixed vise (front)	-
Brembo racing grade matte gray four-piston fixed caliper (front)	-
High-performance stone green four-piston fixed vise (front)	-
Mobile power station	-
Optional package	
DiSus-C intelligent electronically	-

DiSus-C intelligent electronically controlled active suspension	DiSus-C intelligent electronically controlled active suspension
Warranty Policy	○ Free optional
	The lifetime warranty policy of the three-electric system must meet the needs of non-commercial vehicles (first owners), and the total mileage of the vehicle every 12 months from the date of purchase invoice does not exceed 30,000 kilometers
Smart upgrade package	○ Optional 4999
	DiLink3.0 upgraded version, electric tailgate