

Vehicle Detail Report

BYD Qin PLUS 2021 DM-i 55KM Flagship

Basic Information

Brand	BYD
Mileage	52,000 km
Color	Silver-gray
First Registration	2021-12-01
Transfer Count	1

Vehicle Images





Vehicle Condition

1. Deformation. 2. Left rear quarter panel, Body panel repair. 3. Right rear quarter panel, Body panel repair.

Configuration Information

Model Information

Model Name	BYD Qin Plus 2021 DM-i 55KM Flagship
Launch Date	2021.03

Basic parameters

Vehicle Class	compact car
Energy Type	Plug-in Hybrid Electric Vehicle (PHEV)
Maximum Power (kW)	81
Maximum Torque (N·m)	135
Transmission	E-CVT continuously variable transmission
Body Type	Sedan
Engine	1.5L 110 horsepower L4
Dimensions (L×W×H) (mm)	4765*1837*1495
Official 0-100 km/h Acceleration (s)	7.9
Top Speed (km/h)	185
Curb Weight (kg)	1500
Maximum Gross Weight (kg)	1875

Basic parameters (continued)

NEDC Electric Range (km)	55
Electric Motor (PS)	180
NEDC Combined Fuel Consumption (L/100km)	1.2
Electricity Consumption in Fuel Equivalent (L/100km)	1.3
WLTC Electric Range (km)	46
Fuel Consumption with Depleted Battery (L/100km)	3.8

engine

Engine Model	BYD472QA
Displacement (mL)	1498
Displacement (L)	1.5
Induction Type	Natural aspiration
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Compression Ratio	15.5
Valve Train	DOHC
Maximum Power (PS)	110
Max Power Speed (rpm)	6000
Max Torque Speed (rpm)	4500
Maximum net power (kW)	78
Fuel Grade	92.
Fuel Delivery System	Multi-point EFI
Cylinder Head Material	Aluminum alloy
Cylinder Block Material	Aluminum alloy
Engine layout	Horizontal

Electric Motor

Motor Type	Permanent magnet/synchronous
Total Electric Motor Power (kW)	132
Total Electric Motor Torque (N·m)	316

Electric Motor (continued)

Front Electric Motor Max Power (kW)	132
Front Electric Motor Max Torque (N·m)	316
Number of drive motors	Single motor
Motor Layout	Front-end
Battery Type	Lithium iron phosphate battery
Battery Capacity (kWh)	8.32
Battery Cell Brand	Fodi
Battery Cooling System	Liquid cooling
Power consumption per 100 kilometers (kWh/100km)	11.7
Fast charging function	Not supported
Battery Replacement	Not supported

Screen/System

Central control color screen	<ul style="list-style-type: none">• Touch LCD screen
Infotainment Screen Size	<ul style="list-style-type: none">• 10.1 inches
Bluetooth/In-car Phone	<ul style="list-style-type: none">•
Voice recognition control system	<ul style="list-style-type: none">• Multimedia system;• Navigation;• Telephone;• Air conditioning;• Sunroof
In-vehicle intelligent system	<ul style="list-style-type: none">•DiLink

Body

Length (mm)	4765
Width (mm)	1837
Height (mm)	1495
Wheelbase (mm)	2718
Front Track (mm)	1580
Rear Track (mm)	1590
Door Opening Type	swing door
Number of Doors	4
Number of Seats	5
Fuel Tank Capacity (L)	48
Trunk volume (L)	-

Body (continued)

Drag Coefficient (Cd)	-
Approach Angle (°)	13
Departure Angle (°)	14
Minimum Turning Radius (m)	5.5
Maximum climbing grade (%)	30
Maximum climbing angle (°)	16.7

Gearbox

Abbreviation	E-CVT continuously variable transmission
Number of Gears	stepless speed change
Transmission Type	Electronic Continuously Variable Transmission (E-CVT)

Chassis steering

Drive Type	Front-engine, Front-wheel drive (FF)
Front Suspension Type	MacPherson independent suspension
Rear Suspension Type	Torsion beam non-independent suspension
Power Steering Type	Electric power assistance
Vehicle structure	bearing type

Seat Configuration

Seat Material	• Imitation leather
Main seat adjustment	• Front and rear adjustment; • Backrest adjustment; • Height adjustment (2-way)
Co-seat adjustment method	• Front and rear adjustment; • Backrest adjustment
Electric adjustment of driver's seat and passenger seat	Main/Deputy-
Front passenger seat rear adjustable buttons	-
Rear seat folding	• Proportional down
Front/rear center armrest	Front •/Rear •
Rear cup holder	•
Sports style seats	•

Active safety

Active safety (continued)

Anti-lock Braking System (ABS)	•
Electronic Brakeforce Distribution (EBD/CBC)	•
Brake Assist System (EBA/BAS/BA)	•
Traction Control System (ASR/TCS/TRC)	•
Electronic Stability Control (ESC/ESP/DSC)	•
Tire Pressure Monitoring System (TPMS)	• Tire pressure display
Seat Belt Reminder	• Front row
ISOFIX Child Seat Anchors	•
Lane Departure Warning System (LDWS)	-
Autonomous Emergency Braking (AEB)	-
Driver Fatigue Detection	-
Low Speed Alert	•

Air conditioning/refrigerator

Air conditioning temperature control method	• Automatic air conditioning
Rear Independent Climate Control	-
Rear seat air vents	•
Temperature zone control	•
Car air purifier	-
In-cabin PM2.5 Filter	•

Passive safety

Driver/passenger airbag	Main •/Deputy •
Front/rear side airbags	Front •/Rear-
Front/rear head airbags (curtain airbags)	Front •/Rear •

Wheel brake

Front Brake Type	Ventilation disc
Rear Brake Type	Disc
Parking brake type	Electronic Parking

Wheel brake (continued)

Front Tire Size	215/55 R17
Rear Tire Size	215/55 R17
Spare Tire Size	None

Audio/Interior Lighting

Number of speakers	• 6 speakers
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Driving functions

Navigation traffic information display	•
Lane assist	-
Lane Keeping Assist System	-
Cruise control system	• Cruise control
Satellite navigation system	•
Parking Assist	-

Exterior lighting

Low beam light source	•LED
High beam light source	•LED
LED daytime running lights	•
Adaptive high and low beam	-
Automatic headlights	•
Height-adjustable headlights	•
Headlight Delay Off	•

Exterior mirrors

Exterior mirror function	• Electric adjustment; • Electric folding; • Rearview mirror heating; • Automatic folding when locked
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Appearance/anti-theft

Rim material	• Aluminum alloy
Electronic engine immobilizer	•
Central locking system in the car	•
Key Type	• Remote key; • Bluetooth key; • NFC/RFID key
Keyless start system	•

Appearance/anti-theft (continued)

Keyless entry function	• Front row
Remote start function	•

Skylight/Glass

Sunroof Type	• Electric sunroof
Front/rear electric windows	Front •/Rear •
One-touch window lifting function	• Full vehicle
Window anti-pinch function	•
Car makeup mirror	• Main driving position; • First officer
Rear wiper	-

Interior and exterior color

Exterior Color	Time Gray #404954 Sky blue #000555 Snow Domain White #FFFFFF Chidi Red #B7242E Xuan Yu Black #000000
Interior Color	cloud blue #39414C Black flowing water brown #000000 #83574E

Steering wheel/interior mirror

Steering Wheel Material	• Cortex
Steering wheel position adjustment	• Manual up and down front and rear adjustment
Multi-function steering wheel	•
Heated Steering Wheel	-
Steering wheel memory	-
Trip computer display screen	• Color
Full LCD instrument panel	•
Interior rearview mirror function	• Manual anti-glare
Gear shifting	• Electronic gear shift

Intelligent configuration

Connected Car Services	•
OTA Updates	•
4G/5G Network	•4G

Intelligent configuration (continued)

Mobile APP remote function	<ul style="list-style-type: none">• Door control;• Vehicle start;• Lighting control;• Climate control;• Vehicle status check/diagnostics;• Vehicle location / find my car;• Owner services (charging stations, gas stations, parking, etc.);• Service/repair appointment
Wi-Fi hotspots	<ul style="list-style-type: none">•

Driving Control

Driving mode switch	<ul style="list-style-type: none">• Sport;• Economy;• Standard/Comfort;• Snow
Automatic parking	<ul style="list-style-type: none">•
Hill start assist	<ul style="list-style-type: none">•
Energy recovery system	<ul style="list-style-type: none">•

Driving Hardware

Front/rear parking radar	Front-/Rear •
Driving Assistance Camera System	<ul style="list-style-type: none">• Reversing image
Number of cameras	<ul style="list-style-type: none">• 1
Number of ultrasonic radars	<ul style="list-style-type: none">• 4

In-car charging

Multimedia/charging port	<ul style="list-style-type: none">• USB
Number of USB/Type-C ports	<ul style="list-style-type: none">• 2 in the front row/2 in the back row
Mobile phone wireless charging function	<ul style="list-style-type: none">• Front row

"●" = Standard equipment

"_" = Not available

"○" = Optional equipment.

Note: These are Chinese market vehicles. Warranty coverage is not available outside of China.