

# Vehicle Detail Report

## BYD Qin PLUS 2021 DM-i 55KM Flagship

### Basic Information

Brand	BYD
Mileage	48,400 km
Color	White
First Registration	2022-01-01
Transfer Count	1

### Vehicle Images





## Vehicle Condition

1. Corrosion. 2. Right front door, Body panel repair. 3. Left rear door, Body panel repair. 4. Right front fender, Body panel repair. 5. Left rear quarter panel, Body panel repair.

## Configuration Information

### Model Information

<b>Model Name</b>	BYD Qin Plus 2021 DM-i 55KM Flagship
<b>Launch Date</b>	2021.03

### Basic parameters

<b>Vehicle Class</b>	compact car
<b>Energy Type</b>	Plug-in Hybrid Electric Vehicle (PHEV)
<b>Maximum Power (kW)</b>	81
<b>Maximum Torque (N·m)</b>	135
<b>Transmission</b>	E-CVT continuously variable transmission
<b>Body Type</b>	Sedan
<b>Engine</b>	1.5L 110 horsepower L4
<b>Dimensions (L×W×H) (mm)</b>	4765*1837*1495
<b>Official 0-100 km/h Acceleration (s)</b>	7.9
<b>Top Speed (km/h)</b>	185
<b>Curb Weight (kg)</b>	1500
<b>Maximum Gross Weight (kg)</b>	1875
<b>NEDC Electric Range (km)</b>	55
<b>Electric Motor (PS)</b>	180
<b>NEDC Combined Fuel Consumption (L/100km)</b>	1.2
<b>Electricity Consumption in Fuel Equivalent (L/100km)</b>	1.3

## Basic parameters (continued)

<b>WLTC Electric Range (km)</b>	46
<b>Fuel Consumption with Depleted Battery (L/100km)</b>	3.8

## engine

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

## Electric Motor

<b>Motor Type</b>	Permanent magnet/synchronous
<b>Total Electric Motor Power (kW)</b>	132
<b>Total Electric Motor Torque (N·m)</b>	316
<b>Front Electric Motor Max Power (kW)</b>	132
<b>Front Electric Motor Max Torque (N·m)</b>	316
<b>Number of drive motors</b>	Single motor
<b>Motor Layout</b>	Front-end
<b>Battery Type</b>	Lithium iron phosphate battery

## Electric Motor (continued)

<b>Battery Capacity (kWh)</b>	8.32
<b>Battery Cell Brand</b>	Fodi
<b>Battery Cooling System</b>	Liquid cooling
<b>Power consumption per 100 kilometers (kWh/100km)</b>	11.7
<b>Fast charging function</b>	Not supported
<b>Battery Replacement</b>	Not supported

## Screen/System

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

## Body

<b>Length (mm)</b>	4765
<b>Width (mm)</b>	1837
<b>Height (mm)</b>	1495
<b>Wheelbase (mm)</b>	2718
<b>Front Track (mm)</b>	1580
<b>Rear Track (mm)</b>	1590
<b>Door Opening Type</b>	swing door
<b>Number of Doors</b>	4
<b>Number of Seats</b>	5
<b>Fuel Tank Capacity (L)</b>	48
<b>Trunk volume (L)</b>	-
<b>Drag Coefficient (Cd)</b>	-
<b>Approach Angle (°)</b>	13
<b>Departure Angle (°)</b>	14
<b>Minimum Turning Radius (m)</b>	5.5
<b>Maximum climbing grade (%)</b>	30

## Body (continued)

<b>Maximum climbing angle (°)</b>	16.7
-----------------------------------	------

## Gearbox

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

## Chassis steering

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

## Seat Configuration

<b>Seat Material</b>	<ul style="list-style-type: none"><li>• Imitation leather</li></ul>
<b>Main seat adjustment</b>	<ul style="list-style-type: none"><li>• Front and rear adjustment;</li><li>• Backrest adjustment;</li><li>• Height adjustment (2-way)</li></ul>
<b>Co-seat adjustment method</b>	<ul style="list-style-type: none"><li>• Front and rear adjustment;</li><li>• Backrest adjustment</li></ul>
<b>Electric adjustment of driver's seat and passenger seat</b>	Main/Deputy-
<b>Front passenger seat rear adjustable buttons</b>	-
<b>Rear seat folding</b>	<ul style="list-style-type: none"><li>• Proportional down</li></ul>
<b>Front/rear center armrest</b>	Front •/Rear •
<b>Rear cup holder</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Sports style seats</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Active safety

<b>Anti-lock Braking System (ABS)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Electronic Brakeforce Distribution (EBD/CBC)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Brake Assist System (EBA/BAS/BA)</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Active safety (continued)

<b>Traction Control System (ASR/TCS/TRC)</b>	•
<b>Electronic Stability Control (ESC/ESP/DSC)</b>	•
<b>Tire Pressure Monitoring System (TPMS)</b>	• Tire pressure display
<b>Seat Belt Reminder</b>	• Front row
<b>ISOFIX Child Seat Anchors</b>	•
<b>Lane Departure Warning System (LDWS)</b>	-
<b>Autonomous Emergency Braking (AEB)</b>	-
<b>Driver Fatigue Detection</b>	-
<b>Low Speed Alert</b>	•

## Air conditioning/refrigerator

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

## Passive safety

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

## Wheel brake

<b>Front Brake Type</b>	Ventilation disc
<b>Rear Brake Type</b>	Disc
<b>Parking brake type</b>	Electronic Parking
<b>Front Tire Size</b>	215/55 R17
<b>Rear Tire Size</b>	215/55 R17
<b>Spare Tire Size</b>	None

## Audio/Interior Lighting

<b>Number of speakers</b>	• 6 speakers
---------------------------	--------------

## Driving functions

<b>Navigation traffic information display</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Lane assist</b>	-
<b>Lane Keeping Assist System</b>	-
<b>Cruise control system</b>	<ul style="list-style-type: none"><li>• Cruise control</li></ul>
<b>Satellite navigation system</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Parking Assist</b>	-

## Exterior lighting

<b>Low beam light source</b>	<ul style="list-style-type: none"><li>•LED</li></ul>
<b>High beam light source</b>	<ul style="list-style-type: none"><li>•LED</li></ul>
<b>LED daytime running lights</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Adaptive high and low beam</b>	-
<b>Automatic headlights</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Height-adjustable headlights</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Headlight Delay Off</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Exterior mirrors

<b>Exterior mirror function</b>	<ul style="list-style-type: none"><li>• Electric adjustment;</li><li>• Electric folding;</li><li>• Rearview mirror heating;</li><li>• Automatic folding when locked</li></ul>
---------------------------------	---

## Appearance/anti-theft

<b>Rim material</b>	<ul style="list-style-type: none"><li>• Aluminum alloy</li></ul>
<b>Electronic engine immobilizer</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Central locking system in the car</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Key Type</b>	<ul style="list-style-type: none"><li>• Remote key;</li><li>• Bluetooth key;</li><li>• NFC/RFID key</li></ul>
<b>Keyless start system</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Keyless entry function</b>	<ul style="list-style-type: none"><li>• Front row</li></ul>
<b>Remote start function</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Skylight/Glass

<b>Sunroof Type</b>	<ul style="list-style-type: none"><li>• Electric sunroof</li></ul>
<b>Front/rear electric windows</b>	Front <ul style="list-style-type: none"><li>•</li></ul> /Rear <ul style="list-style-type: none"><li>•</li></ul>

## Skylight/Glass (continued)

<b>One-touch window lifting function</b>	<ul style="list-style-type: none"><li>• Full vehicle</li></ul>
<b>Window anti-pinch function</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Car makeup mirror</b>	<ul style="list-style-type: none"><li>• Main driving position;</li><li>• First officer</li></ul>
<b>Rear wiper</b>	-

## Interior and exterior color

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

## Steering wheel/interior mirror

<b>Steering Wheel Material</b>	<ul style="list-style-type: none"><li>• Cortex</li></ul>
<b>Steering wheel position adjustment</b>	<ul style="list-style-type: none"><li>• Manual up and down front and rear adjustment</li></ul>
<b>Multi-function steering wheel</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Heated Steering Wheel</b>	-
<b>Steering wheel memory</b>	-
<b>Trip computer display screen</b>	<ul style="list-style-type: none"><li>• Color</li></ul>
<b>Full LCD instrument panel</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Interior rearview mirror function</b>	<ul style="list-style-type: none"><li>• Manual anti-glare</li></ul>
<b>Gear shifting</b>	<ul style="list-style-type: none"><li>• Electronic gear shift</li></ul>

## Intelligent configuration

<b>Connected Car Services</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>OTA Updates</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>4G/5G Network</b>	<ul style="list-style-type: none"><li>•4G</li></ul>
<b>Mobile APP remote function</b>	<ul style="list-style-type: none"><li>• Door control;</li><li>• Vehicle start;</li><li>• Lighting control;</li><li>• Climate control;</li><li>• Vehicle status check/diagnostics;</li><li>• Vehicle location / find my car;</li><li>• Owner services (charging stations, gas stations, parking, etc.);</li><li>• Service/repair appointment</li></ul>
<b>Wi-Fi hotspots</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Driving Control

## Driving Control (continued)

<b>Driving mode switch</b>	• Sport; • Economy; • Standard/Comfort; • Snow
<b>Automatic parking</b>	•
<b>Hill start assist</b>	•
<b>Energy recovery system</b>	•

## Driving Hardware

<b>Front/rear parking radar</b>	Front-/Rear •
<b>Driving Assistance Camera System</b>	• Reversing image
<b>Number of cameras</b>	• 1
<b>Number of ultrasonic radars</b>	• 4

## In-car charging

<b>Multimedia/charging port</b>	•USB
<b>Number of USB/Type-C ports</b>	• 2 in the front row/2 in the back row
<b>Mobile phone wireless charging function</b>	• Front row

---

"●" = Standard equipment

"-" = Not available

"○" = Optional equipment.

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