

# Vehicle Detail Report

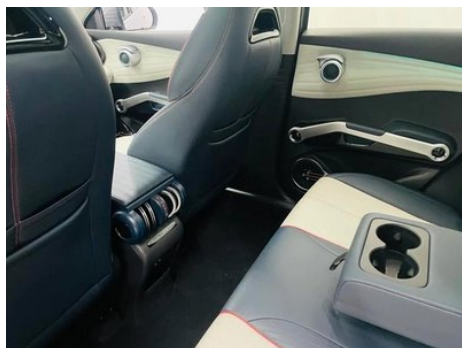
## Yuan PLUS 2022 430KM Premium Type

### Basic Information

Brand	BYD
Mileage	11,100 km
Color	Silver-gray
First Registration	2023-04-01
Transfer Count	0

### Vehicle Images





## Vehicle Condition

1. Inner side of left B-pillar, Non-accident-related deformation. 2. Right rear fender, Paint repair, Bodywork repair.

## Configuration Information

### Model Information

<b>Model Name</b>	Yuan PLUS 2022 430KM Premium Type
<b>Launch Date</b>	2022.02

### Basic parameters

<b>Vehicle Class</b>	Compact SUV
<b>Energy Type</b>	Battery Electric Vehicle (BEV)
<b>Maximum Power (kW)</b>	150

## Basic parameters (continued)

<b>Maximum Torque (N·m)</b>	310
<b>Body Type</b>	SUV
<b>Dimensions (L×W×H) (mm)</b>	4455*1875*1615
<b>Official 0-100 km/h Acceleration (s)</b>	7.3
<b>Top Speed (km/h)</b>	160
<b>Curb Weight (kg)</b>	1625
<b>Maximum Gross Weight (kg)</b>	2000
<b>Fast Charging Time (h)</b>	0.5
<b>Slow Charging Time (h)</b>	7.13
<b>Electric Motor (PS)</b>	204
<b>Fast Charging Range (%)</b>	30-80
<b>Electricity Consumption in Fuel Equivalent (L/100km)</b>	1.38
<b>CLTC Electric Range (km)</b>	430

## Electric Motor

<b>Motor Type</b>	Permanent magnet/synchronous
<b>Total Electric Motor Power (kW)</b>	150
<b>Total Electric Motor Torque (N·m)</b>	310
<b>Front Electric Motor Max Power (kW)</b>	150
<b>Front Electric Motor Max Torque (N·m)</b>	310
<b>Number of drive motors</b>	Single motor
<b>Motor Layout</b>	Front-end
<b>Battery Type</b>	Lithium iron phosphate battery
<b>Battery Capacity (kWh)</b>	49.92
<b>Total Electric Motor Power (PS)</b>	204
<b>Battery Cell Brand</b>	Fordy
<b>Battery Cooling System</b>	Direct cooling
<b>Battery energy density (Wh/kg)</b>	140

## Electric Motor (continued)

<b>Power consumption per 100 kilometers (kWh/100km)</b>	12.2
<b>Fast charging function</b>	Support
<b>Fast Charging Power (kW)</b>	70

## 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>• 12.8 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>
<b>Rotating large screen</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Body

<b>Length (mm)</b>	4455
<b>Width (mm)</b>	1875
<b>Height (mm)</b>	1615
<b>Wheelbase (mm)</b>	2720
<b>Front Track (mm)</b>	1575
<b>Rear Track (mm)</b>	1580
<b>Door Opening Type</b>	swing door
<b>Number of Doors</b>	5
<b>Number of Seats</b>	5
<b>Trunk volume (L)</b>	-
<b>Drag Coefficient (Cd)</b>	-
<b>Approach Angle (°)</b>	19
<b>Departure Angle (°)</b>	24

## Gearbox

<b>Abbreviation</b>	Electric vehicle single speed gearbox
<b>Number of Gears</b>	1
<b>Transmission Type</b>	Fixed Gear Ratio Transmission

## Chassis steering

<b>Drive Type</b>	Front-engine, Front-wheel drive (FF)
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## Chassis steering (continued)

<b>Front Suspension Type</b>	MacPherson independent suspension
<b>Rear Suspension Type</b>	Multi-link 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>
<b>Traction Control System (ASR/TCS/TRC)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Electronic Stability Control (ESC/ESP/DSC)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Tire Pressure Monitoring System (TPMS)</b>	<ul style="list-style-type: none"><li>• Tire pressure display</li></ul>
<b>Seat Belt Reminder</b>	<ul style="list-style-type: none"><li>• Front row</li></ul>
<b>ISOFIX Child Seat Anchors</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Lane Departure Warning System (LDWS)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Autonomous Emergency Braking (AEB)</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Active safety (continued)

<b>Driver Fatigue Detection</b>	-
<b>Forward Collision Warning (FCW)</b>	•
<b>Low Speed Alert</b>	•
<b>Built-in Dashcam</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>	-
<b>Heat pump air conditioner</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>	215/60 R17
<b>Rear Tire Size</b>	215/60 R17
<b>Spare Tire Size</b>	Tire repair tools

## Audio/Interior Lighting

<b>Number of speakers</b>	• 6 speakers
<b>Interior ambient lighting</b>	• Multicolor

## Driving functions

<b>Navigation traffic information display</b>	•
<b>Lane assist</b>	-
<b>Lane Keeping Assist System</b>	•

## Driving functions (continued)

<b>Cruise control system</b>	• Full speed adaptive cruise
<b>Satellite navigation system</b>	•
<b>Driving assistance level</b>	•L2
<b>Lane centering</b>	•
<b>Road traffic sign recognition</b>	•
<b>Map Brand</b>	• Gaud
<b>Remote Parking</b>	•
<b>Parking Assist</b>	-

## Exterior lighting

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

## Exterior mirrors

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

<b>Rim material</b>	• Aluminum alloy
<b>Electric trunk</b>	-
<b>Central locking system in the car</b>	•
<b>Key Type</b>	• Remote key; • Bluetooth key; • NFC/RFID key
<b>Keyless start system</b>	•
<b>Keyless entry function</b>	• Driving position
<b>Roof rack</b>	•
<b>Remote start function</b>	•
<b>Battery preheating</b>	•
<b>Discharge to the outside</b>	•

## Skylight/Glass

<b>Sunroof Type</b>	• Openable panoramic sunroof
<b>Front/rear electric windows</b>	Front •/Rear •
<b>One-touch window lifting function</b>	• Full car
<b>Window anti-pinch function</b>	•
<b>Car makeup mirror</b>	• Main driver's lamp; • co-pilot's lamp
<b>Rear wiper</b>	•

## Interior and exterior color

<b>Exterior Color</b>	Skiing, White:#FFFFFF, Surf Blue:#287494; Climbing Grey:#A8A8A8; Parkour Red:#C92829; Adventure Green:#4A6C51
<b>Interior Color</b>	Speed Blue/Power Gray: #2B3A55/ #C4C5C1

## Steering wheel/interior mirror

<b>Steering Wheel Material</b>	• Cortex
<b>Steering wheel position adjustment</b>	• Manual up and down front and rear adjustment
<b>Multi-function steering wheel</b>	•
<b>Heated Steering Wheel</b>	-
<b>Steering wheel memory</b>	-
<b>Trip computer display screen</b>	• Color
<b>Full LCD instrument panel</b>	•
<b>LCD instrument size</b>	• 5 inches
<b>Interior rearview mirror function</b>	• Automatic anti-glare
<b>Gear shifting</b>	• Electronic gear shift

## Intelligent configuration

<b>Connected Car Services</b>	•
<b>OTA Updates</b>	•
<b>4G/5G Network</b>	•4G

## Intelligent configuration (continued)

<b>Mobile APP remote function</b>	<ul style="list-style-type: none"><li>• Door control;</li><li>• Vehicle start-up;</li><li>• Charging management;</li><li>• Air conditioning control;</li><li>• Vehicle status inquiry/diagnostics;</li><li>• Vehicle location/vehicle finding;</li><li>• Owner services (locating charging stations, gas stations, parking lots, etc.);</li><li>• Appointment for maintenance/repair</li></ul>
<b>Wi-Fi hotspots</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Driving Control

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

## Driving Hardware

<b>Front/rear parking radar</b>	Front •/Rear •
<b>Driving Assistance Camera System</b>	<ul style="list-style-type: none"><li>• 360-degree panoramic image</li></ul>
<b>Number of cameras</b>	<ul style="list-style-type: none"><li>• 5</li></ul>
<b>Number of ultrasonic radars</b>	<ul style="list-style-type: none"><li>• 6</li></ul>
<b>Transparent chassis/540-degree imaging</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Millimeter wave radar quantity</b>	<ul style="list-style-type: none"><li>• 1</li></ul>

## In-car charging

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

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"●" = Standard equipment

"□" = Not available

"○" = Optional equipment.

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