

Vehicle Detail Report

Yuan PLUS 2025 Smart Driving Version 430KM Transcendental

Basic Information

Brand	BYD
Mileage	4,000 km
Color	Silver-gray
First Registration	2025-05-01
Transfer Count	0

Vehicle Images







Vehicle Condition

1. Original metal panels and factory paint.

Configuration Information

Model Information

Model Name	Yuan PLUS 2025 Smart Driving Version 430KM Transcendental
Launch Date	2025.03

Basic parameters

Vehicle Class	Compact SUV
Energy Type	Battery Electric Vehicle (BEV)
Maximum Power (kW)	150
Maximum Torque (N·m)	310
Body Type	SUV
Dimensions (L×W×H) (mm)	4455*1875*1615
Official 0-100 km/h Acceleration (s)	7.3
Top Speed (km/h)	160
Curb Weight (kg)	1625
Maximum Gross Weight (kg)	2000
Fast Charging Time (h)	0.5
Slow Charging Time (h)	7.13
Electric Motor (PS)	204
Fast Charging Range (%)	30-80
Electricity Consumption in Fuel Equivalent (L/100km)	1.42
CLTC Electric Range (km)	430

Electric Motor

Motor Type	Permanent magnet/synchronous
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Electric Motor (continued)

Total Electric Motor Power (kW)	150
Total Electric Motor Torque (N·m)	310
Front Electric Motor Max Power (kW)	150
Front Electric Motor Max Torque (N·m)	310
Number of drive motors	Single motor
Motor Layout	Front-end
Battery Type	Lithium iron phosphate battery
Battery Capacity (kWh)	49.92
Total Electric Motor Power (PS)	204
Battery Cell Brand	Fordy
Battery Cooling System	Direct cooling
Battery energy density (Wh/kg)	140
Power consumption per 100 kilometers (kWh/100km)	12.2
Fast charging function	Support
Slow charging port location	Right front side of car
Warranty policy for first-time owners of Sandian	Lifetime Warranty/Non-operational (Liability Exemption Terms Subject to Official)
Fast charging port location	Right front side of car
External AC discharge power (kW)	3.3
Previous Motor Brand	BYD
Front motor model	TZ200XSQ
Fast Charging Power (kW)	70
Battery unique technology	Blade Battery

Screen/System

Central control color screen	<ul style="list-style-type: none">• Touch LCD screen
Infotainment Screen Size	<ul style="list-style-type: none">• 12.8 inches

Screen/System (continued)

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
Voice wake-up recognition by region	<ul style="list-style-type: none">• Four areas
In-vehicle intelligent system	<ul style="list-style-type: none">•DiLink
App Store	<ul style="list-style-type: none">•
Central control screen type	<ul style="list-style-type: none">•LCD
Central control screen resolution	<ul style="list-style-type: none">•1920x1080
Voice assistant wake-up word	<ul style="list-style-type: none">• Hello, Xiao Di
Continuous speech recognition	<ul style="list-style-type: none">•
See and Say	<ul style="list-style-type: none">•
Car Intelligent Chip	BYD, D100
Central control LCD screen split screen display	<ul style="list-style-type: none">•

Body

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

Gearbox

Gearbox (continued)

Abbreviation	Electric vehicle single speed gearbox
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

Chassis steering

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

Seat Configuration

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

Active safety

Anti-lock Braking System (ABS)	<ul style="list-style-type: none">•
Electronic Brakeforce Distribution (EBD/CBC)	<ul style="list-style-type: none">•
Brake Assist System (EBA/BAS/BA)	<ul style="list-style-type: none">•
Traction Control System (ASR/TCS/TRC)	<ul style="list-style-type: none">•
Electronic Stability Control (ESC/ESP/DSC)	<ul style="list-style-type: none">•
Tire Pressure Monitoring System (TPMS)	<ul style="list-style-type: none">• Tire pressure display

Active safety (continued)

Seat Belt Reminder	• Front row
ISOFIX Child Seat Anchors	•
Lane Departure Warning System (LDWS)	•
Autonomous Emergency Braking (AEB)	•
Driver Fatigue Detection	-
Forward Collision Warning (FCW)	•
Rear Collision Warning	•
Low Speed Alert	•
Built-in Dashcam	•
Door Opening Warning (DOW)	•
Sentry Mode	•
Moving Object Detection System	•

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	•
Heat pump air conditioner	•

Passive safety

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

Wheel brake

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

Wheel brake (continued)

Front Tire Size	215/60 R17
Rear Tire Size	215/60 R17
Spare Tire Size	Tire repair tools

Audio/Interior Lighting

Number of speakers	• 8 speakers
Interior ambient lighting	• Multicolor

Driving functions

Navigation traffic information display	•
Lane assist	•
Lane Keeping Assist System	•
Cruise control system	• Full speed adaptive cruise
Satellite navigation system	•
Driving assistance level	•L2
Rear Cross Traffic Alert	•
Lane centering	•
Road traffic sign recognition	•
Map Brand	• Baidu
Remote Parking	•
Driver assistance systems	•DiPilot 100
Hands-off detection	•
Parking Assist	•
Lane Change Assist	•
Automatic Ramp Entry/Exit Assist	•
Highway sections	• Expressway section

Exterior lighting

Low beam light source	•LED
High beam light source	•LED
LED daytime running lights	•
Adaptive high and low beam	•
Automatic headlights	•

Exterior lighting (continued)

Height-adjustable headlights	<ul style="list-style-type: none">•
Headlight Delay Off	<ul style="list-style-type: none">•

Exterior mirrors

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

Rim material	<ul style="list-style-type: none">• Aluminum alloy
Electric trunk	-
Central locking system in the car	<ul style="list-style-type: none">•
Key Type	<ul style="list-style-type: none">• Remote key;• Bluetooth key;• NFC/RFID key
Keyless start system	<ul style="list-style-type: none">•
Keyless entry function	<ul style="list-style-type: none">• Driving position
Roof rack	<ul style="list-style-type: none">•
Remote start function	<ul style="list-style-type: none">•
Battery preheating	<ul style="list-style-type: none">•
Discharge to the outside	<ul style="list-style-type: none">•

Skylight/Glass

Sunroof Type	<ul style="list-style-type: none">• Openable panoramic sunroof
Front/rear electric windows	Front •/Rear •
One-touch window lifting function	<ul style="list-style-type: none">• Full car
Window anti-pinch function	<ul style="list-style-type: none">•
Car makeup mirror	<ul style="list-style-type: none">• Main driver's lamp;• co-pilot's lamp
Rear wiper	<ul style="list-style-type: none">•
Rain sensor wiper function	<ul style="list-style-type: none">• Rainfall-sensing
Rear side privacy glass	<ul style="list-style-type: none">•

Interior and exterior color

Exterior Color	Sailing Blue:#5C6D90; Ski, White:#FFFFFF, Xuanwu, Black:#000000, Le Dong Mi:#E5DCC8; Climbing Ash:#A8A8A8
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Interior and exterior color (continued)

Interior Color	Black, Light luxury rice:#000000/ #D0CDC4, Black, Twilight Cloud Grey:#000000/#B0A6B1
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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	•
LCD instrument size	• 8.8 inches
Interior rearview mirror function	• Automatic anti-glare
Gear shifting	• Electronic gear shift
ETC Device	•

Intelligent configuration

Connected Car Services	•
OTA Updates	•
4G/5G Network	•5G
Mobile APP remote function	• Door control; • Vehicle start-up; • Charging management; • Air conditioning control; • Vehicle status inquiry/diagnostics; • Vehicle location/vehicle finding; • Owner services (locating charging stations, gas stations, parking lots, etc.); • Appointment for maintenance/repair
Wi-Fi hotspots	•
Car KTV	•

Driving Control

Driving mode switch	• Sport; • Economy; • Standard/Comfort; • Snow
Automatic parking	•
Steep slope descent	•
Hill start assist	•
Energy recovery system	•

Driving Hardware

Front/rear parking radar	Front •/Rear •
Driving Assistance Camera System	• 360-degree panoramic image
Front perception camera	• Three eyes
Number of cameras	• 12
Number of ultrasonic radars	• 12
Transparent chassis/540-degree imaging	•
Millimeter wave radar quantity	• 5
Assisted driving chip	• NVIDIA Orin-N
Total chip computing power	•84 TOPS

In-car charging

Multimedia/charging port	•USB;•Type-C
Number of USB/Type-C ports	• 2 in the front row/2 in the back row
Mobile phone wireless charging function	• Front row
Mobile phone wireless charging power	•50W

"●" = Standard equipment

"_" = Not available

"○" = Optional equipment.

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