

Vehicle Detail Report

BYD Yuan UP 2025 Smart Driving Version 401KM Leading Type

Basic Information

Color	All in-stock colors are available
Vehicle Location	In stock at Shanghai Port, Nansha Port, Horgos and other ports.
Attribute	Brand New

Vehicle Images







Configuration Information

Model Information

Model Name	BYD Yuan UP 2025 Smart Driving Version 401KM Leading Type
Launch Date	2025.02

Basic parameters

Vehicle Class	Small SUV
Energy Type	Battery Electric Vehicle (BEV)
Maximum Power (kW)	130
Maximum Torque (N·m)	290
Body Type	SUV
Dimensions (L×W×H) (mm)	4310*1830*1675
Official 0-100 km/h Acceleration (s)	7.9
Top Speed (km/h)	160
Curb Weight (kg)	1540
Maximum Gross Weight (kg)	1915
Fast Charging Time (h)	0.5
Electric Motor (PS)	177
Fast Charging Range (%)	30-80
Official 0-50 km/h Acceleration (s)	3.1
Electricity Consumption in Fuel Equivalent (L/100km)	1.38
CLTC Electric Range (km)	401

Electric Motor

Motor Type	Permanent magnet/synchronous
Total Electric Motor Power (kW)	130

Electric Motor (continued)

Total Electric Motor Torque (N·m)	290
Front Electric Motor Max Power (kW)	130
Front Electric Motor Max Torque (N·m)	290
Number of drive motors	Single motor
Motor Layout	Front-end
Battery Type	Lithium iron phosphate battery
Battery Capacity (kWh)	45.12
Total Electric Motor Power (PS)	177
Battery Cell Brand	Fodi
Battery Cooling System	Direct cooling
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	TZ200XSW
Fast Charging Power (kW)	65
Battery unique technology	Blade Battery

Screen/System

Central control color screen	• Touch LCD
Infotainment Screen Size	• 12.8 inch
Bluetooth/In-car Phone	•
Voice recognition control system	• Multimedia system; • Navigation; • Telephone; • Air conditioner

Screen/System (continued)

Voice wake-up recognition by region	• Four regions
In-vehicle intelligent system	•DiLink
App Store	•
Voice assistant wake-up word	• Hello Xiao Di
Voice wake-up word-free	•
Continuous speech recognition	•
See and Say	•
Car Intelligent Chip	• BYD D100

Body

Length (mm)	4310
Width (mm)	1830
Height (mm)	1675
Wheelbase (mm)	2620
Front Track (mm)	1570
Rear Track (mm)	1570
Door Opening Type	swing door
Number of Doors	5
Number of Seats	5
Trunk volume (L)	1320
Drag Coefficient (Cd)	-
Approach Angle (°)	18
Departure Angle (°)	23
Minimum Turning Radius (m)	5.25

Gearbox

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

Chassis steering (continued)

Rear Suspension Type	Torsion beam non-independent suspension
Power Steering Type	Electric power assistance
Vehicle structure	bearing type

Seat Configuration

Seat Material	• Faux leather
Main seat adjustment	• fore and aft adjustment; • Backrest adjustment; • Height adjustment (2 directions)
Co-seat adjustment method	• fore and aft adjustment; • Backrest adjustment
Electric adjustment of driver's seat and passenger seat	Main •/vice-
Front passenger seat rear adjustable buttons	-
Rear seat folding	• Proportional folding
Front/rear center armrest	Front •/Rear-
Rear cup holder	-

Active safety

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	-

Active safety (continued)

Forward Collision Warning (FCW)	•
Rear Collision Warning	•
Low Speed Alert	•
Built-in Dashcam	•
Door Opening Warning (DOW)	•
Sentry Mode	•

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 •

Wheel brake

Front Brake Type	Ventilation disc
Rear Brake Type	Disc
Parking brake type	Electronic Parking
Front Tire Size	215/65 R16
Rear Tire Size	215/65 R16
Spare Tire Size	Tire repair tools

Audio/Interior Lighting

Number of speakers	• 6 Speaker
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Driving functions

Navigation traffic information display	•
Lane assist	•

Driving functions (continued)

Lane Keeping Assist System	
Cruise control system	Full-speed adaptive cruise control
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	
Height-adjustable headlights	
Headlight Delay Off	

Exterior mirrors

Exterior mirror function	- Electric adjustment; - Electric folding; - Rearview mirror heating; - Automatic folding when locking the car
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Appearance/anti-theft

Rim material	Aluminum alloy
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Appearance/anti-theft (continued)

Central locking system in the car	•
Key Type	• Remote key; • Bluetooth key; • NFC RFID key
Keyless start system	•
Keyless entry function	• Driver's seat
Remote start function	•
Battery preheating	•
Discharge to the outside	•

Skylight/Glass

Front/rear electric windows	Front •/Rear •
One-touch window lifting function	• Full vehicle
Window anti-pinch function	•
Car makeup mirror	• Driver's seat+ Lighting lamp; • Co-pilot+ Lighting lamp
Rear wiper	•

Interior and exterior color

Exterior Color	Yoyo Purple #7A7D98 Sa Shuang Grey #3F4957 Le Moomi #E5DCC8 Kokang Powder #B1A9B6 Yueyi White #FFFFFF slack green #7E9286
Interior Color	Black Beige #000000 #C8C8C8 Pink Beige #BB9393 #C8C8C8

Steering wheel/interior mirror

Steering Wheel Material	• Cortex
Steering wheel position adjustment	• Manual up and down+ fore and aft adjustment
Multi-function steering wheel	•
Heated Steering Wheel	-
Steering wheel memory	-
Trip computer display screen	• Colorful
Full LCD instrument panel	•
LCD instrument size	• 8.8 inch

Steering wheel/interior mirror (continued)

Interior rearview mirror function	• Manual 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; • 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	•
Car KTV	•

Driving Control

Driving mode switch	• Exercise; • Economy; • Standard Comfortable; • Snowy ground
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 one
Number of ultrasonic radars	• 12 one
Transparent chassis/540-degree imaging	•
Millimeter wave radar quantity	• 5 one
Assisted driving chip	• NVIDIA Orin-N
Total chip computing power	•84 TOPS

In-car charging

In-car charging (continued)

Multimedia/charging port	•USB;•SD;•Type-C
Number of USB/Type-C ports	• Front row 2 one Back row 2 one
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.