

Yuan PLUS 2025 Smart Driving Edition 510KM Transcendence Model

Basic information	
Manufacturer	BYD
Level	Compact SUV
Energy type	Pure electric
Time to market	2025.03
Pure electric mileage (km)	510
Fast charging time (hours)	0.5
Slow charge time (hours)	8.64
Percentage of fast charge	30-80
Maximum Power (kW)	150
Maximum torque (N m)	310
Electromotor (Ps)	204
Gearbox	Electric vehicle single-speed gearbox
Length * width * height (mm)	4455*1875*1615
Body structure	5 doors, 5 seats SUV
Maximum speed (km/h)	160
Official 0-100km/h acceleration (s)	7.3
Electric energy equivalent fuel	1.45
Car body	
Length (mm)	4455
Width (mm)	1875
Height (mm)	1615
Wheelbase (mm)	2720
Front wheel track(mm)	1575
Rear wheel track(mm)	1580
Approach angle (°)	19
Departure angle (°)	24
Body structure	SUV
Door opening mode	Open the door flat
Number of doors (units)	5
Number of seats (unit)	5
Quality of equipment (kg)	1690
Engine	
Electric motor	
Front motor model	TZ200XSQ
Motor type	Permanent magnet / synchronization
Total Motor Power (kW)	150
Total motor power ps	204
Total torque of motor (N m)	310
Maximum power of front motor	150
Maximum torque of front motor (N	310
Number of driving motors	Single motor
Motor layout	Front position
Gearbox	
Number of blocks	1
Gearbox type	Fixed gear ratio gearbox

Chassis / wheel	
Driving mode	Front front drive
Front suspension type	McPherson independent suspension
Rear suspension type	Multi-link independent suspension
assist type	Electric power assist
body structure	load-bearing
Front brake type	ventilation disc
Rear brake type	Disc type
Parking brake type	electronic parking
Rim material	Aluminum alloy
Front tire specification	215/55 R18
Rear tire specification	215/55 R18
brake specification	Tire repair tool
Security configuration	
Driver/passenger airbag	● Driver ● Passenger
Front/rear side airbags	● Front Row — Rear Row
Front/rear head airbags (curtain airbags)	● Front Row ● Rear Row
Tire pressure monitoring function	● Tire pressure display
Seat belt unfastened reminder	● The whole car
Control configuration	
Driving mode switching	● Exercise ● Economics ● Standard/Comfort ● Snow land
Shift form	● Electronic pocket gear shift
Auxiliary / intelligent driving	
Cruise system	● Full speed adaptive cruise
Auxiliary driving level	● L2
Autopilot auxiliary road section	● Highway section
Auxiliary driving system	● DiPilot 100
Driving assist image	● 360 degree panoramic image
Number of cameras	● 12
Front / rear parking radar	● Front Row ● Rear Row
Number of ultrasonic radars	● 12
Number of millimeter wave radars	● of 5
Forward-sensing camera type	● trinocular
Appearance configuration	
Sunroof type	● Panoramic sunroof can be opened
key type	● Bluetooth key ● NFC/RFID key ● remote key
Keyless entry function	● Driving position
Electric sunroof and electric closing	●

internal configuration	
Driving computer display screen	● Color
LCD meter size	● 8.8 in.
Steering wheel material	● Cortical layer
Steering wheel position adjustment	● Manual up and down + front and rear adjustment
Seat configuration	
Seat material	● Imitation leather
Driver's seat adjustment method	● High and low adjustment (2 directions) ● Backrest adjustment ● Front and rear adjustment
Adjustment mode of Passenger seat	● Backrest adjustment ● Front and rear adjustment
Driver / passenger seat electric adjustment	● Driver ● Passenger
Front seat function	● Ventilation ● Heating
Back seat down form	● Proportional toppling
Front / rear central handrail	● Front Row ● Rear Row
Lighting configuration	
Low light source	● LED
High beam light source	● LED
Interior ambient lamp	● Multicolor
Glass / rearview mirror	
Exterior mirror function	● Lock the car and fold automatically ● Electric folding ● rear view mirror heating ● Electric regulation
Inductive wiper function	● rain sensing
Front/rear power windows	● Front Row ● Rear Row
Window up and down function with	● The whole car
In-car cosmetic mirror	● Main driver + lights ● Front passenger + lighting
Inner rearview mirror function	● Automatic anti-glare

Appearance

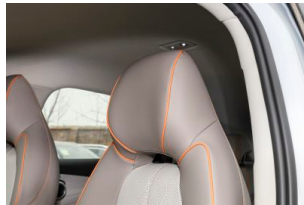


Interior decoration

Smart Internet	
Central control color LCD screen	● Touch LCD screen
LCD screen size	● 12.8 in.
Vehicle intelligent system	● DiLink
Voice assistant awakening word	● Hello, Dee.
4G/5G network	● 5G
Voice regional wake-up	● Four regions
Speech recognition control system	● Multimedia system ● Navigation ● Telephone ● Sunroof ● Air Conditioner ● Door control ● Air conditioning control ● Vehicle condition inquiry / diagnosis ● Vehicle location / car search ● Vehicle start ● Car owner service (find charging piles, gas stations, parking lots, etc.) ● Scheduled maintenance / repair ● Charge management
APP Remote Control	
Audio-visual entertainment	
Multimedia / charging interface	● Type-C ● USB
Number of USB/Type-C Interface	● 2 in the front / 2 in the back
Wireless charging function of	● Front row
Wireless charging power of mobile	● 50W
Number of speakers	● 8 loudspeakers
Air conditioner / refrigerator	
Air conditioning temperature	● Automatic air conditioning
remarks	
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Space



remarks:

- standard
- optional
- no