

# Yuan PLUS 2025 Smart Driving Edition 510KM Transcendence Model

Basic information		Chassis / wheel	
Manufacturer	BYD	Driving mode	Front front drive
Level	Compact SUV	Front suspension type	McPherson independent suspension
Energy type	Pure electric	Rear suspension type	Multi-link independent suspension
Time to market	2025.03	assist type	Electric power assist
Pure electric mileage (km)	510	body structure	load-bearing
Fast charging time (hours)	0.5	Front brake type	ventilation disc
Slow charge time (hours)	8.64	Rear brake type	Disc type
Percentage of fast charge	30-80	Parking brake type	electronic parking
Maximum Power (kW)	150	Rim material	Aluminum alloy
Maximum torque (N m)	310	Front tire specification	215/55 R18
Electromotor (Ps)	204	Rear tire specification	215/55 R18
Gearbox	Electric vehicle single-speed gearbox	brake specification	Tire repair tool
Length * width * height (mm)	4455*1875*1615	Security configuration	
Body structure	5 doors, 5 seats SUV	Driver/passenger airbag	<input checked="" type="checkbox"/> Driver <input checked="" type="checkbox"/> Passenger
Maximum speed (km/h)	160	Front/rear side airbags	<input checked="" type="checkbox"/> Front Row <input type="checkbox"/> Rear Row
Official 0-100km/h acceleration (s)	7.3	Front/rear head airbags (curtain airbags)	<input checked="" type="checkbox"/> Front Row <input checked="" type="checkbox"/> Rear Row
Electric energy equivalent fuel	1.45	Tire pressure monitoring function	<input checked="" type="checkbox"/> Tire pressure display
Car body		Seat belt unfastened reminder	<input checked="" type="checkbox"/> The whole car
Length (mm)	4455	Control configuration	
Width (mm)	1875	Driving mode switching	<input checked="" type="checkbox"/> Exercise <input checked="" type="checkbox"/> Economics <input checked="" type="checkbox"/> Standard/Comfort <input checked="" type="checkbox"/> Snow land
Height (mm)	1615	Shift form	<input checked="" type="checkbox"/> Electronic pocket gear shift
Wheelbase (mm)	2720	Auxiliary / intelligent driving	
Front wheel track(mm)	1575	Cruise system	<input checked="" type="checkbox"/> Full speed adaptive cruise
Rear wheel track(mm)	1580	Auxiliary driving level	<input checked="" type="checkbox"/> L2
Approach angle (°)	19	Autopilot auxiliary road section	<input checked="" type="checkbox"/> Highway section
Departure angle (°)	24	Auxiliary driving system	<input checked="" type="checkbox"/> DiPilot 100
Body structure	SUV	Driving assist image	<input checked="" type="checkbox"/> 360 degree panoramic image
Door opening mode	Open the door flat	Number of cameras	<input checked="" type="checkbox"/> 12
Number of doors (units)	5	Front / rear parking radar	<input checked="" type="checkbox"/> Front Row <input checked="" type="checkbox"/> Rear Row
Number of seats (unit)	5	Number of ultrasonic radars	<input checked="" type="checkbox"/> 12
Quality of equipment (kg)	1690	Number of millimeter wave radars	<input checked="" type="checkbox"/> of 5
Engine		Forward-sensing camera type	<input checked="" type="checkbox"/> trinocular
Electric motor		Appearance configuration	
Front motor model	TZ200XSQ	Sunroof type	<input checked="" type="checkbox"/> Panoramic sunroof can be opened
Motor type	Permanent magnet / synchronization	key type	<input checked="" type="checkbox"/> Bluetooth key <input checked="" type="checkbox"/> NFC/RFID key <input checked="" type="checkbox"/> remote key
Total Motor Power (kW)	150	Keyless entry function	<input checked="" type="checkbox"/> Driving position
Total motor power ps	204	Electric start/stop system/electric parking	
Total torque of motor (N m)	310	<input checked="" type="checkbox"/>	
Maximum power of front motor	150	<input checked="" type="checkbox"/>	
Maximum torque of front motor (N	310	<input checked="" type="checkbox"/>	
Number of driving motors	Single motor	<input checked="" type="checkbox"/>	
Motor layout	Front position	<input checked="" type="checkbox"/>	
Gearbox		<input checked="" type="checkbox"/>	
Number of blocks	1	<input checked="" type="checkbox"/>	
Gearbox type	Fixed gear ratio gearbox	<input checked="" type="checkbox"/>	

<b>internal configuration</b>		<b>Smart Internet</b>	
Driving computer display screen	● Color	Central control color LCD screen	● Touch LCD screen
LCD meter size	● 8.8 in.	LCD screen size	● 12.8 in.
Steering wheel material	● Cortical layer	Vehicle intelligent system	● DiLink
Steering wheel position adjustment	● Manual up and down + front and rear adjustment	Voice assistant awakening word	● Hello, Dee.
<b>Seat configuration</b>		4G/5G network	● 5G
Seat material	● Imitation leather	Voice regional wake-up	● Four regions
Driver's seat adjustment method	<ul style="list-style-type: none"> <li>● High and low adjustment (2 directions)</li> <li>● Backrest adjustment</li> <li>● Front and rear adjustment</li> </ul>	Speech recognition control system	<ul style="list-style-type: none"> <li>● Multimedia system</li> <li>● Navigation</li> <li>● Telephone</li> <li>● Sunroof</li> <li>● Air Conditioner</li> <li>● Door control</li> <li>● Air conditioning control</li> <li>● Vehicle condition inquiry / diagnosis</li> <li>● Vehicle location / car search</li> <li>● Vehicle start</li> <li>● Car owner service (find charging piles, gas stations, parking lots, etc.)</li> <li>● Scheduled maintenance / repair</li> <li>● Charge management</li> </ul>
Adjustment mode of Passenger seat	● Backrest adjustment	APP Remote Control	
Driver / passenger seat electric adjustment	<ul style="list-style-type: none"> <li>● Driver</li> <li>● Passenger</li> </ul>		
Front seat function	<ul style="list-style-type: none"> <li>● Ventilation</li> <li>● Heating</li> </ul>		
Back seat down form	● Proportional toppling		
Front / rear central handrail	<ul style="list-style-type: none"> <li>● Front Row</li> <li>● Rear Row</li> </ul>		
<b>Lighting configuration</b>		<b>Audio-visual entertainment</b>	
Low light source	● LED	Multimedia / charging interface	<ul style="list-style-type: none"> <li>● Type-C</li> <li>● USB</li> </ul>
High beam light source	● LED	Number of USB/Type-C Interfac	● 2 in the front / 2 in the back
Interior ambient lamp	● Multicolor	Wireless charging function of	● Front row
<b>Glass / rearview mirror</b>		Wireless charging power of mobile	● 50W
Exterior mirror function	<ul style="list-style-type: none"> <li>● Lock the car and fold automatically</li> <li>● Electric folding</li> <li>● rear view mirror heating</li> <li>● Electric regulation</li> </ul>	Number of speakers	● 8 loudspeakers
Inductive wiper function	● rain sensing	<b>Air conditioner / refrigerator</b>	
Front/rear power windows	<ul style="list-style-type: none"> <li>● Front Row</li> <li>● Rear Row</li> </ul>	Air conditioning temperature	● Automatic air conditioning
Window up and down function with	● The whole car	<b>remarks</b>	
In-car cosmetic mirror	<ul style="list-style-type: none"> <li>● Main driver + lights</li> <li>● Front passenger + lighting</li> </ul>	****	***
Inner rearview mirror function	● Automatic anti-glare	****	***

## Appearance



## Interior decoration



## Space



## remarks:

- standard
- optional
- no