

Parameter configuration	Yuan PLUS 22 models 430KM luxury model	Yuan PLUS 22 types of 430KM premium type	Yuan PLUS 22 models 510KM Zunrong model	Yuan PLUS 22 models 510KM flagship model	Yuan PLUS 22 models 510KM flagship PLUS
<b>Basic information</b>					
Manufacturer	BYD new energy	BYD new energy	BYD new energy	BYD new energy	BYD new energy
Level	Compact SUV	Compact SUV	Compact SUV	Compact SUV	Compact SUV
Energy type	Pure electric	Pure electric	Pure electric	Pure electric	Pure electric
Time to market		19/02/2022	19/02/2022	19/02/2022	19/02/2022
CLTC pure electric life(km)		430	430 Five hundred ten	Five hundred ten	Five hundred ten
Fast charge time(h)	0.5	0.5	0.5	0.5	0.5
Fast charge amount(%)	30-80	30-80	30-80	30-80	30-80
Slow charge time(h)	7.13	7.13	8.64	8.64	8.64
Motor(Ps)	Two hundred four	Two hundred four	Two hundred four	Two hundred four	Two hundred four
Gearbox	1 gear fixed gear ratio	1 gear fixed gear ratio	1 gear fixed gear ratio	1 gear fixed gear ratio	1 gear fixed gear ratio
Length*width*height(mm)	4455*1875*1615	4455*1875*1615	4455*1875*1615	4455*1875*1615	4455*1875*1615
Body structure	5 Door 5 seat SUV	5 Door 5 seat SUV	5 Door 5 seat SUV	5 Door 5 seat SUV	5 Door 5 seat SUV
Maximum speed(km/h)	One hundred sixty	One hundred sixty	One hundred sixty	One hundred sixty	One hundred sixty
官方0-100km/h加速[s]	7.3	7.3	7.3	7.3	7.3
Vehicle warranty	6 years or 15 million km	6 years or 15 million km	6 years or 15 million km	6 years or 15 million km	6 years or 15 million km
<b>Exterior color</b>					
<b>Interior color</b>					
<b>Body</b>					
Length(mm)		4455	4455	4455	4455
Width(mm)		1875	1875	1875	1875
Height(mm)		1615	1615	1615	1615
Wheelbase(mm)		2720	2720	2720	2720
Front track(mm)		1575	1575	1575	1575
Rear track(mm)		1580	1580	1580	1580
Door open mode	Door	Door	Door	Door	Door
Doors number	Five	Five	Five	Five	Five
Number of seats	Five	Five	Five	Five	Five
Approach angle[°]	Nineteen	Nineteen	Nineteen	Nineteen	Nineteen
Departure angle[°]	24	24	24	24	24
Loaded with a minimum ground clearance(mm)		150	150	150	150
Quality of preparation (kg)		1625	1625	1690	1690
Full load mass (kg)		2000	2000	2065	2065
<b>motor</b>					
Number of driving motors	Single motor	Single motor	Single motor	Single motor	Single motor
Motor layout	Preface	Preface	Preface	Preface	Preface
Type of motor	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization
Total motor power (kW)		150	150	150	150
Total horsepower of motor	Two hundred four	Two hundred four	Two hundred four	Two hundred four	Two hundred four
Total torque of motor		310	310	310	310
Maximum power of front motor (kW)		150	150	150	150
Maximum torque of front motor (N·m)		310	310	310	310
<b>Battery/Supplement to</b>					
Battery type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Batteries brands	Francisco Di	Francisco Di	Francisco Di	Francisco Di	Francisco Di
Battery pre-heating	•	•	•	•	•
CLTC pure electric life(km)		430	430 Five hundred ten	Five hundred ten	Five hundred ten
Battery power (kWh)	49.92	49.92	60.48	60.48	60.48
Battery energy density (Wh/kg)	One hundred forty	One hundred forty		150	150
Power consumption of 100km (kWh/100km)	12.2	12.2	12.5	12.5	12.5
The vehicle charge port	• Slow charge port • Fast-charge port	• Slow charge port • Fast-charge port	• Slow charge port • Fast-charge port	• Slow charge port • Fast-charge port	• Slow charge port • Fast-charge port
Slow charge port location	• Vehicle front right side	• Vehicle front right side	• Vehicle front right side	• Vehicle front right side	• Vehicle front right side
Fast-charge port location	• Vehicle front right side	• Vehicle front right side	• Vehicle front right side	• Vehicle front right side	• Vehicle front right side
Fast Charge Power(kW)		70	70 Eighty	Eighty	Eighty
Fast charge time(h)	0.5	0.5	0.5	0.5	0.5
Fast charge amount(%)	30-80	30-80	30-80	30-80	30-80
Slow charge time(h)	7.13	7.13	8.64	8.64	8.64
Vehicles for electric	-	-	-	-	-
Home charging pile	-	-	-	-	-

With a car charging gun	•	•	•	•	•
External discharge function	-	•	•	•	•
External discharge power	• 3.3 kW	• 3.3 kW	• 3.3 kW	• 3.3 kW	• 3.3 kW
Battery pack warranty	8 years or 15 million km	8 years or 15 million km	8 years or 15 million km	8 years or 15 million km	8 years or 15 million km
The first owner of the battery pack warranty	Unlimited years/unlimited mileage(exclusion of liability clause in an official date)	Unlimited years/unlimited mileage(exclusion of liability clause in an official date)	Unlimited years/unlimited mileage(exclusion of liability clause in an official date)	Unlimited years/unlimited mileage(exclusion of liability clause in an official date)	Unlimited years/unlimited mileage(exclusion of liability clause in an official date)
<b>Gearbox</b>					
Gearbox description	The electric car is a single-speed gearbox	The electric car is a single-speed gearbox	The electric car is a single-speed gearbox	The electric car is a single-speed gearbox	The electric car is a single-speed gearbox
Gearbox type	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio
Gear number	One	One	One	One	One
Chassis steering					
Drive form	Front-engine, front drive	Front-engine, front drive	Front-engine, front drive	Front-engine, front drive	Front-engine, front drive
Four-wheel drive form	-	-	-	-	-
Center differential structure	-	-	-	-	-
Front suspension type	McPherson independent suspension	McPherson independent suspension	McPherson independent suspension	McPherson independent suspension	McPherson independent suspension
Rear suspension type	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension
Power type	Electric power	Electric power	Electric power	Electric power	Electric power
Adjustable suspension function	-	-	-	-	-
Adjustable suspension type	-	-	-	-	-
Vehicle body structure	Bearing type	Bearing type	Bearing type	Bearing type	Bearing type
Limited slip differential	-	-	-	-	-
Differential lock	-	-	-	-	-
Wheel brake					
Front brake type	• Ventilated disc	• Ventilated disc	• Ventilated disc	• Ventilated disc	• Ventilated disc
Rear brake type	• Disc	• Disc	• Disc	• Disc	• Disc
Parking brake type	Electronic Parking	Electronic Parking	Electronic Parking	Electronic Parking	Electronic Parking
Front tire specifications	• 215/60 R17	• 215/60 R17	• 215/60 R17	• 215/55 R18	• 215/55 R18
Rear tire specifications	• 215/60 R17	• 215/60 R17	• 215/60 R17	• 215/55 R18	• 215/55 R18
Spare wheel	• No spare tire	• No spare tire	• No spare tire	• No spare tire	• No spare tire
The spare wheel is placed	-	-	-	-	-
Active safety					
ABS anti-lock	•	•	•	•	•
Brake force distribution(EBD/CBC, etc.)	•	•	•	•	•
Brake assist(BA/EBAS, etc.)	•	•	•	•	•
Traction control(ASR/TCS/TRC, etc.)	•	•	•	•	•
Body stability control(ESP/DSC/VSC, etc.)	•	•	•	•	•
Belt is not based reminders	• The first row	• The first row	• The first row	• The whole car	• The whole car
Tire pressure monitor	• Tyre pressure display	• Tyre pressure display	• Tyre pressure display	• Tyre pressure display	• Tyre pressure display
<b>Passive safety</b>					
The main driver airbag	•	•	•	•	•
Passenger airbag	•	•	•	•	•
The first row side airbag	•	•	•	•	•
Second row side airbag	-	-	-	-	-
Side curtain airbags	-	•	-	•	•
Knee airbag	-	-	-	-	-
Front passenger seat cushion airbag	-	-	-	-	-
Rear seat belt airbags	-	-	-	-	-
Rear seat anti-slipped airbag	-	-	-	-	-
The Central airbag	-	-	-	-	-
The second row of the forward airbag	-	-	-	-	-
Child seat interface	•	•	•	•	•
Passive pedestrian protection	-	-	-	-	-
The lack of gas tire	-	-	-	-	-
Assist/control configuration					
Front Parking radar	-	•	-	•	•

Rear Parking radar	•	•	•	•	•
Asstem side warning system	-	-	-	-	-
Open the door collision warning	-	-	-	•	•
Driving aid image	Video of reversing	Video of reversing	Video of reversing	Video of reversing	Video of reversing
Chassis perspective	-	-	-	-	-
Cruise control system	• Cruise control • Exercise	• Cruise control • Exercise	• Cruise control • Exercise	• Cruise control • Exercise	• Cruise control • Exercise
Driving mode selection	• Economy  • Standard/comfortable	• Economy  • Standard/comfortable	• Economy  • Standard/comfortable	• Economy  • Standard/comfortable	• Economy  • Standard/comfortable
Fatigue warning	-	-	-	-	-
self-parking	-	-	-	-	•
Remote control parking	•	•	•	•	•
Remote call	-	-	-	-	-
Engine start-stop	-	-	-	-	-
Automatic parking	•	•	•	•	•
Uphill aid	•	•	•	•	•
A steep descent	•	•	•	•	•
Night vision system	-	-	-	-	-
Variable steering ratio	-	-	-	-	-
Integral active steering system	-	-	-	-	-
Wading sensing system	-	-	-	-	-
Low speed four-wheel drive	-	-	-	-	-
Creep mode	-	-	-	-	-
Tank turn	-	-	-	-	-
Driver assistance features					
And the line auxiliary(BSM/BSL)	-	-	-	•	•
Lane Departure Warning(LDWS)	-	•	-	•	•
Lane-keeping(LKAS)	-	•	-	•	•
Lane centering maintain	-	•	-	•	•
Road traffic signs recognition	-	•	-	•	•
Forward collision warning	-	•	-	•	•
Rear collision warning	-	-	-	•	•
Active Brake	-	•	-	•	•
Auto lane change assist	-	-	-	-	-
The ramp automatically exits/enters	-	-	-	-	-
Reverse tracking	-	-	-	-	-
Auxiliary driving hardware					
Driving assistance level	-	• L2	-	• L2	• L2
Millimeter wave radar	-	• 1	-	• 3pcs	• 3pcs
Ultrasonic radar	• After 4	• The front 2+rear 4	• After 4	• The front 2+rear 4	• Before 6 a/6 a
Circumferential camera	-	• 4	-	• 4	• 4
In-car camera	-	-	-	-	-
External configuration					
Skyflight type	-	• Openable panoramic roof	-	• Openable panoramic roof	• Openable panoramic roof
Sports appearance kit	-	-	-	-	-
Electric spoiler	-	-	-	-	-
Rim material	• Aluminum alloy	• Aluminum alloy	• Aluminum alloy	• Aluminum alloy	• Aluminum alloy
Electrical suction door	-	-	-	-	-
Automatic opening and closing of the door	-	-	-	-	-
Frameless door	-	-	-	-	-
Side sliding door	-	-	-	-	-
Roof rack	-	•	-	•	•
Key type	• The remote control key • Bluetooth key • NFC/RFID Key	• The remote control key • Bluetooth key • NFC/RFID Key	• The remote control key • Bluetooth key • NFC/RFID Key	• The remote control key • Bluetooth key • NFC/RFID Key	• The remote control key • Bluetooth key • NFC/RFID Key
Keyless start	•	•	•	•	•
Keyless entry	• Main drive	• Main drive	• Main drive	• Main drive	• Main drive
Hidden electric door handle	-	-	-	-	-
Active closed grille	-	-	-	-	-
The Luggage compartment to open the way with the function	-	-	-	-	• Electric opening and closing • Sensing opening and closing of the • Position memory
The rear door glass to separate open	-	-	-	-	-

Car side foot pedal	-	-	-	-	-
Low-speed driving warning tone	•	•	•	•	•
Sentinel(clairvoyance)mode	-	-	-	-	-
Trailer hook	-	-	-	-	-
Trailer to take power port	-	-	-	-	-
Internal configuration					
Steering wheel material	• Cortex	• Cortex	• Cortex	• Cortex	• Cortex
Steering wheel adjustment	• Manually up and down+front and rear adjustment	• Manually up and down+front and rear adjustment	• Manually up and down+front and rear adjustment	• Manually up and down+front and rear adjustment	• Manually up and down+front and rear adjustment
The shift in the form	Electronic gear the shift	Electronic gear the shift	Electronic gear the shift	Electronic gear the shift	Electronic gear the shift
Multifunction steering wheel	•	•	•	•	•
Steering wheel shift	-	-	-	-	-
Steering wheel heater	-	-	-	-	-
Trip computer display	• Color	• Color	• Color	• Color	• Color
Full LCD dashboard	•	•	•	•	•
Dashboard screen size	• 5	• 5	• 5	• 5	• 5
The meter screen material	• LCD	• LCD	• LCD	• LCD	• LCD
HUD head-up display	-	-	-	-	-
Built-in car DVR	•	•	•	•	•
Mobile phone wireless charging	• The first row	• The first row	• The first row	• The first row	• The first row
ETC device	-	-	-	-	-
Active noise reduction	-	-	-	-	-
Power adjustable pedals	-	-	-	-	-
Single pedal mode	-	-	-	-	-
Seat configuration					
Seat material	• Faux leather	• Faux leather	• Faux leather	• Faux leather	• Faux leather
Sport style seat	•	•	•	•	•
The main driving seat electric adjustment	• Electric adjustment	• Electric adjustment	• Electric adjustment	• Electric adjustment	• Electric adjustment
Front passenger seat electric adjustment	-	-	-	-	• Electric adjustment
	• Front and rear adjustment	• Front and rear adjustment	• Front and rear adjustment	• Front and rear adjustment	• Front and rear adjustment
The main driving seat adjustment mode	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
	• Height adjustment(2)	• Height adjustment(2)	• Height adjustment(2)	• Height adjustment(2)	• Height adjustment(2)
	• Front and rear adjustment	• Front and rear adjustment	• Front and rear adjustment	• Front and rear adjustment	• Front and rear adjustment
Front passenger seat adjustment mode	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
The first row of seats features	-	-	-	-	-
Boss Key	-	-	-	-	-
The second row of seats electric adjustment	-	-	-	-	-
The second-row seat adjustment	-	-	-	-	-
The second-row seat feature	-	-	-	-	-
Center armrest	• The first row • Second row	• The first row • Second row	• The first row • Second row	• The first row • Second row	• The first row • Second row
Seat layout	-	-	-	-	-
The rear seats recline way	• Scale down	• Scale down	• Scale down	• Scale down	• Scale down
Rear seats power recline	-	-	-	-	-
Rear Cup holder	• Second row	• Second row	• Second row	• Second row	• Second row
Heating/cooling Cup holder	-	-	-	-	-
Rear folding Board	-	-	-	-	-
Car Machine/Internet					
Control color screen	• Touch the LCD screen	• Touch the LCD screen	• Touch the LCD screen	• Touch the LCD screen	• Touch the LCD screen
In the control screen size	• 12.8	• 12.8	• 12.8	• 12.8	• 15.6
In the control screen material	• LCD	• LCD	• LCD	• LCD	• LCD
In the control screen resolution(px)	• 1920 x 1080	• 1920 x 1080	• 1920 x 1080	• 1920 x 1080	• 1920 x 1080
The Deputy driving the screen	-	-	-	-	-
Car system	DLink	DLink	DLink	DLink	DLink
Engine chip	1 Qualcomm Snapdragon 8155	1 Qualcomm Snapdragon 8155	1 Qualcomm Snapdragon 8155	1 Qualcomm Snapdragon 8155	1 Qualcomm Snapdragon 8155

Engine system memory (GB)	• 6	• 6	• 6	• 6	• 6
Engine system storage (GB)	• 64	• 64	• 64	• 64	• 64
Car network	• 4G	• 4G	• 4G	• 4G	• 4G
OTA upgrade	• Car OTA	• Car OTA	• Car OTA	• Car OTA	• Car OTA
Car WiFi function	• WiFi connection • WiFi hotspot	• WiFi connection • WiFi hotspot	• WiFi connection • WiFi hotspot	• WiFi connection • WiFi hotspot	• WiFi connection • WiFi hotspot
Car navigation maps	• High de	• High de	• High de	• High de	• High de
V2X communication	-	-	-	-	-
Roadside assistance call	-	-	-	-	-
Bluetooth car phone	•	•	•	•	•
Mobile Internet/mapping	-	-	-	-	-
Voice assistant Wake-up word	• Hello, little Di	• Hello, little Di	• Hello, little Di	• Hello, little Di	• Hello, little Di
Speech recognition control function	• Multimedia system • Navigation • Telephone • Air conditioning	• Multimedia system • Navigation • Telephone • Air conditioning	• Multimedia system • Navigation • Telephone • Air conditioning	• Multimedia system • Navigation • Telephone • Air conditioning	• Multimedia system • Navigation • Telephone • Air conditioning
Gesture control	-	-	-	-	-
Facial recognition	-	-	-	-	-
Remote control function	• Door control • Vehicle to start • Air conditioning control	• Door control • Vehicle to start • Air conditioning control	• Door control • Vehicle to start • Air conditioning control	• Door control • Vehicle to start • Air conditioning control	• Door control • Vehicle to start • Air conditioning control
Entertainment	-	-	-	-	-
Split screen function	•	•	•	•	•
In-vehicle apps market	•	•	•	•	•
Car CD/DVD	-	-	-	-	-
Multimedia/charging interface	• USB	• USB	• USB	• USB	• USB
USB/Type-C ports quantity	• Front 2/rear 2	• Front 2/rear 2	• Front 2/rear 2	• Front 2/rear 2	• Front 2/rear 2
Rear control multimedia	-	-	-	-	-
Cockpit 220V/230V power supply	-	-	-	-	-
Luggage compartment power supply interface	-	-	-	-	-
Audio brand	-	-	-	-	-
Speaker number	• 6	• 6	• 6	• 8	• 8
Audio audition	• 6	• 6	• 6	• 8	• 8
Light function	-	-	-	-	-
Low beam light source	• LED	• LED	• LED	• LED	• LED
High-beam light source	• LED	• LED	• LED	• LED	• LED
Lighting features	-	-	-	-	-
LED daytime running lights	•	•	•	•	•
Headlight function	• Height adjustment • Automatic opening and closing • Delay off	• Height adjustment • Automatic opening and closing • Adaptive distance light • Delay off	• Height adjustment • Automatic opening and closing • Delay off	• Height adjustment • Automatic opening and closing • Adaptive distance light • Delay off	• Height adjustment • Automatic opening and closing • Adaptive distance light • Delay off
Steering assist lamp	-	-	-	-	-
Front fog lights	-	-	-	-	-
Headlight washer system	-	-	-	-	-
Car inside atmosphere lamp	-	• Multi-color	-	• Multi-color	• Multi-color
Glass/mirrors	-	-	-	-	-
The first row power Windows	•	•	•	•	•
Second-row power Windows	•	•	•	•	•
The window is a button lift	• The whole car	• The whole car	• The whole car	• The whole car	• The whole car
Window anti-pinch hand function	• The whole car	• The whole car	• The whole car	• The whole car	• The whole car
Multi-layer insulation glass	-	-	-	-	-
Outside mirror functions	• Electric adjustment • Rearview mirror heating • Electric folding • Lock the car automatically folded	• Electric adjustment • Rearview mirror heating • Electric folding • Lock the car automatically folded	• Electric adjustment • Rearview mirror heating • Electric folding • Lock the car automatically folded	• Electric adjustment • Rearview mirror heating • Electric folding • Lock the car automatically folded	• Electric adjustment • Rearview mirror heating • Electric folding • Lock the car automatically folded
Interior features	• Manual anti-glare	• Automatic anti-dazzle	• Manual anti-glare	• Automatic anti-dazzle	• Automatic anti-dazzle
Rear side privacy glass	-	-	-	-	-

Rear side sunshade	-	-	-	-	-
The rear windshield sunshade	-	-	-	-	-
Car internalization makeup mirror	<ul style="list-style-type: none"> <li>• The main driving-lamp</li> <li>• Copilot-lighting</li> </ul>	<ul style="list-style-type: none"> <li>• The main driving-lamp</li> <li>• Copilot-lighting</li> </ul>	<ul style="list-style-type: none"> <li>• The main driving-lamp</li> <li>• Copilot-lighting</li> </ul>	<ul style="list-style-type: none"> <li>• The main driving-lamp</li> <li>• Copilot-lighting</li> </ul>	<ul style="list-style-type: none"> <li>• The main driving-lamp</li> <li>• Copilot-lighting</li> </ul>
Sensing wipers function	-	-	-	-	-
Rear wiper	•	•	•	•	•
Heated spray nozzle	-	-	-	-	-
Air conditioning/refrigeration					
The first evacuation tone	<ul style="list-style-type: none"> <li>• Single-zone automatic air conditioning</li> </ul>	<ul style="list-style-type: none"> <li>• Single-zone automatic air conditioning</li> </ul>	<ul style="list-style-type: none"> <li>• Single-zone automatic air conditioning</li> </ul>	<ul style="list-style-type: none"> <li>• Single-zone automatic air conditioning</li> </ul>	<ul style="list-style-type: none"> <li>• Single-zone automatic air conditioning</li> </ul>
The second evacuation tone	<ul style="list-style-type: none"> <li>• Outlet</li> </ul>	<ul style="list-style-type: none"> <li>• Outlet</li> </ul>	<ul style="list-style-type: none"> <li>• Outlet</li> </ul>	<ul style="list-style-type: none"> <li>• Outlet</li> </ul>	<ul style="list-style-type: none"> <li>• Outlet</li> </ul>
Third evacuation tone	-	-	-	-	-
Heat pump air conditioning	•	•	•	•	•
Air quality monitoring	-	-	-	-	•
PM2.5 filter device in car	•	•	•	•	•
Car air purifier	-	-	-	-	•
Anion generator	-	-	-	-	-
Fragrance system	-	-	-	-	-
Car refrigerator	-	-	-	-	-