Yuan PLUS Specification Configuration Table

Model	420KM Luxury Model	420KM Prestige Model	510KM Prestige Model	510KM Flagship Model	510KM Flagship Model PLUS
Suggested Retail Price (CNY)	149800	149800	149800	159900	167800
Basic Parameters					
Length x Width x Height (mm)	4455×1875×1615	4455×1875×1615	4455×1875×1615	4455×1875×1615	4455×1875×1615
Wheelbase (mm)	2720	2720	2720	2720	2720
Front/Rear Track (mm)	1575/1580	1575/1580	1575/1580	1575/1580	1575/1580
Tire Specifications	215/60 R17	215/60 R17	215/60 R17	215/55 R18	215/55 R18
Vehicle Warranty	Non-commercial vehicles have a lifetime warranty on the three-electric systems (for the first owner), and the vehicle is covered under warranty for 6 years or 150,000 kilometers.	Non-commercial vehicles have a lifetime warranty on the three-electric systems (for the first owner), and the vehicle is covered under warranty for 6 years or 150,000 kilometers.	Non-commercial vehicles have a lifetime warranty on the three-electric systems (for the first owner), and the vehicle is covered under warranty for 6 years or 150,000 kilometers.	Non-commercial vehicles have a lifetime warranty on the three-electric systems (for the first owner), and the vehicle is covered under warranty for 6 years or 150,000 kilometers.	Non-commercial vehicles have a lifetime warranty on the three-electric systems (for the first owner), and the vehicle is covered under warranty for 6 years or 150,000 kilometers.
Power Parameters					
Motor Type	AC Permanent Magnet Synchronous Motor	AC Permanent Magnet Synchronous Motor	AC Permanent Magnet Synchronous Motor	AC Permanent Magnet Synchronous Motor	AC Permanent Magnet Synchronous Motor
Maximum Motor Power (kW)	150	150	150	150	150
Maximum Motor Torque [N · m]	310	310	310	310	310
Battery Capacity (kWh)	49.92	49.92	60.48	60.48	60.48
Comprehensive NEDC Electric Range (km)	430	430	510	510	510
Percentage of Fast Charge in 30 minutes	30%-80%	30%-80%	30%-80%	30%-80%	30%-80%
0-100 km/h Acceleration Time (s)	7.3	7.3	7.3	7.3	7.3
Chassis Parameters					
Front Brake Type	Vented Disc	Vented Disc	Vented Disc	Vented Disc	Vented Disc
Rear Brake Type	Disc	Disc	Disc	Disc	Disc
Front Suspension Type	MacPherson Independent Suspension	MacPherson Independent Suspension	MacPherson Independent Suspension	MacPherson Independent Suspension	MacPherson 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
Intelligent Driving					
Intelligent Power Braking System (IPB)	●	●	●	●	●
Comfort Braking Function	●	●	●	●	●
Vehicle Electronic Stability System	●	●	●	●	●
Anti-lock Braking System (ABS)	●	●	●	●	●
Traction Control System (TCS)	●	●	●	●	●
Hill Descent Control System	●	●	●	●	●
Electronic Brake-force Distribution System (EBD)	●	●	●	●	●
Automatic Parking System	●	●	●	●	●
EPB Electronic Parking Brake System	●	●	●	●	●
C-EPS Electric Power Steering System	●	●	●	●	●
BOS Brake Priority System	●	●	●	●	●
CCS Cruise Control System	●	—	●	—	—
ACC-S&G Full-Speed Adaptive Cruise Control System with Start & Go	—	●	—	●	●
TSR Traffic Sign Recognition System	—	●	—	●	●
FCW (Forward Collision Emergency Braking) system					
ICC Intelligent Cruise Control System	—	●	—	●	●
LDWS Lane Departure Warning System	—	●	—	●	●
HMA Intelligent High Beam Assist System	—	●	—	●	●
FCW Forward Collision Warning System	—	●	—	●	●
DOW Door Opening Warning	—	—	—	●	●
RCTA Rear Cross Traffic Alert	—	—	—	●	●
RCW Rear Collision Warning	—	—	—	●	●
LCA Lane Change Assist System	—	—	—	●	●
BSD Blind Spot Detection System	—	—	—	●	●
Reverse Camera System	●	●	●	●	●
360° Surround View Camera System	—	●	—	●	●
Intelligent Darkroom	—	●	—	●	●
TPMS Tire Pressure Monitoring System (with tire pressure display)	●	●	●	●	●
ISO-FIX Child Seat Anchorage	●	●	●	●	●
Child Safety Lock	●	●	●	●	●
Front Dual Airbags	●	●	●	●	●
Front Seat Side Airbags	●	●	●	●	●
Front and Rear Side Curtain Airbags	—	●	—	●	●
Front Seat Pre-Tensioner with Load Limiter Safety Belt	—	●	—	●	●
Front Seat Non-Pre-Tensioner Safety Belts	●	—	●	—	—
Rear Seat Side Pre-Tensioner Safety Belts	—	●	—	●	●
Rear Seat Side Non-Pre-Tensioner Safety Belts	●	—	●	—	—
Rear Center Seat Non-Pre-Tensioner Safety Belt	●	●	●	●	●
Front Seat Belt Unfastened Warning	●	●	●	●	●
Rear Seat Belt Unfastened Reminder	—	—	—	●	●
Intelligent Anti-Theft System	●	●	●	●	●
Speed-Sensing Automatic Door Locking	●	●	●	●	●
Collision Sensing Automatic Unlocking	●	●	●	●	●
Collapsible Steering Column	●	●	●	●	●
Collapsible Brake Pedal	●	●	●	●	●
Ultrasonic Radar	4个	6个	4个	6个	12个
High-Precision Millimeter-Wave Radar	—	1个	—	3个	3个
360° Surround View Camera	—	4个	—	4个	4个
Intelligent Driver High-Perception Camera	—	1个	—	1个	1个
APA Automatic Parking Assist	—	—	—	—	●
Auto-Dimming Rearview Mirror	—	●	—	●	●
Intelligent Interconnection					
DiLink Intelligent Infotainment System	●DiLink 4.0（4G）	●DiLink 4.0（4G）	●DiLink 4.0（4G）	●DiLink 4.0（4G）	●DiLink 4.0（4G）
Adaptive Rotating Floating Pad (Narrow Bezel)	●12.8 inch	●12.8 inch	●13.8 inch	●12.8 inch	●15.6 inch
New 4.0 System UI Interface	●	●	●	●	●
Online Smart and Accurate Navigation	●	●	●	●	●
Online Multimedia Entertainment System	●	●	●	●	●
Online Massive Applications	●	●	●	●	●
Application Split-screen Display	●	●	●	●	●
Air Conditioning System Control	●	●	●	●	●
In-car Bluetooth Function	●	●	●	●	●
In-car WiFi Function	●	●	●	●	●
4Q-long In-car Microphone	●	●	●	●	●
4G Network Services	●	●	●	●	●
High Fidelity Speakers	●6 Speaker(s)	●6 Speaker(s)	●6 Speaker(s)	●8 Speaker(s)	●8 Speaker(s)
Dirac Intelligent Music Cabin	●	●	●	●	●
Front USB Ports (2)	●	●	●	●	●
Rear USB Ports (2)	●	●	●	●	●
Intelligent Voice Interaction System	●	●	●	●	●
➢ Wake-word-Free Control (Music, Navigation, Air Conditioning, etc.)	●	●	●	●	●
➢ Active Service Reminders (Smart Reminders, Smart Care, etc.)	●	●	●	●	●
➢ Voice-controlled Navigation (Navigate to a destination, nearby places, favorites, etc.)	●	●	●	●	●
➢ Voice-controlled Audio and Video Playback (Voice command to play/pause music, switch songs, adjust volume, radio, etc.)	●	●	●	●	●
➢ Voice-controlled Phone Communication + Voice Chat Interaction + Voice Information Query, etc.	●	●	●	●	●
➢ Voice-controlled Air Conditioning (Turn on/off air conditioning, adjust temperature, etc.)	●	●	●	●	●
➢ Voice-controlled Sunroof Operation	—	●	—	●	●
➢ Voice-controlled Third-Party Apps	●	●	●	●	●
➢ Voice-controlled Screen Rotation	●	●	●	●	●
➢ Voice-controlled Multimedia Settings	●	●	●	●	●
BYD Intelligent Cloud Services	●	●	●	●	●
➢ Mobile NFC Car Key	●	●	●	●	●
➢ Mobile Bluetooth Car Key	●	●	●	●	●
➢ Mobile OTA Remote Upgrade	●	●	●	●	●
➢ Thousand-Mile Eye Function (Remote display of external cameras)	●	●	●	●	●
➢ Remote Vehicle Locator (Vehicle Position Navigation, Flash Lights, Honk Horn, etc.)	●	●	●	●	●
➢ Remote Lock/Unlock Car Doors	●	●	●	●	●
➢ Remote Authorized Vehicle Start	●	●	●	●	●
➢ Remote Trunk Opening	●	●	●	●	●
➢ Remote Air Conditioning Activation (Including Preconditioning)	●	●	●	●	●
➢ Real-time Vehicle Status Check	●	●	●	●	●
➢ Real-time Vehicle Diagnostics	●	●	●	●	●
➢ Remote Control Vehicle SMS Alerts (Lock/Unlock Car Doors, Turn On/Off Air Conditioning, etc.)	●	●	●	●	●
➢ Reminder for Unclosed Doors/Trunk	●	●	●	●	●
➢ Owner Services (Find Charging Stations, Gas Stations, Parking Lots, etc.)	●	●	●	●	●
➢ Energy Consumption Ranking	●	●	●	●	●
➢ Convenient Services (Appointment for Maintenance or Service, Collision SMS Notification)	●	●	●	●	●
➢ Automotive Knowledge Lectures	●	●	●	●	●
➢ Data Services (Vehicle Usage Reports)	●	●	●	●	●
Comfort					
Keyless Entry and One-Key Start System	●	●	●	●	●
In-Car 12V Power Outlet	●	●	●	●	●
Automatic Constant Temperature Air Conditioning	●	●	●	●	●
Rear Air Conditioning Vents	●	●	●	●	●
CN95-Grade Efficient Air Filter	●	●	●	●	●
Rear Windshield Electric Heating, Defogging, and Defrosting	●	●	●	●	●
External Rearview Mirrors Electric Heating, Defogging, and Defrosting	●	●	●	●	●
External Rearview Mirrors Electric Adjustment	●	●	●	●	●
External Rearview Mirrors Electric Folding	●	●	●	●	●
Sunroof Supports One-Touch Up/Down with Anti-Pinch	●	●	●	●	●
Driver's Seat Adjustment	●(Electric 6-way)	●(Electric 6-way)	●(Electric 6-way)	●(Electric 6-way)	●(Electric 6-way)
Front Passenger's Seat Adjustment	●(Manual 4-way)	●(Manual 4-way)	●(Manual 4-way)	●(Manual 4-way)	●(Manual 4-way)
Intelligent Power Tailgate	—	—	—	—	●
PM2.5 GreenClean™ Air Quality Smart Optimization System	—	—	—	—	●
Remote Driving via Mobile App	●	●	●	●	●
Wireless Charging for Mobile Phones	●	●	●	●	●
Manually Adjustable Steering Wheel	●（4B）	●（4 way）	●（4 way）	●（4 way）	●（4 way）
Multifunctional Steering Wheel Controls	●	●	●	●	●
Tire Repair Device	●	●	●	●	●
Exterior					
Crystal LED Front Headlights with Winged Dragon Design	●	●	●	●	●
LED Rear Taillights Feather-shaped LED Taillights	●	●	●	●	●
Flowing Dragon Fang-shaped LED Rear Turn Signal Lights	●	●	●	●	●
LED Daytime Running Lights	●	●	●	●	●
Charging Port Light	●	●	●	●	●
Exterior Rearview Mirror Footwell Lights	—	●	—	●	●
Driver's Footwell Illumination Light	—	—	—	●	●
Front Passenger's Footwell Illumination Light	—	—	—	●	●
Luggage Compartment Illumination Light	●	●	●	●	●
Driver and Front Passenger Vanity Mirror Illumination Light	●	●	●	●	●
LED Front Reading Lights	●	●	●	●	●
LED Rear Cabin Lights	●	●	●	●	●
LED Front Passenger Storage Box Illumination Light	—	—	—	●	●
Automatic Headlights Activation	●	●	●	●	●
Headlight Height Adjustment	●	●	●	●	●
Headlight Early Turn-On/Delayed Turn-Off	●	●	●	●	●
Monochromatic Interior Ambient Lighting	—	—	—	●	—
Multicolor Interior Ambient Lighting	—	●	—	●	●
Multicolor Dynamic Interior Ambient Lighting	—	—	—	—	●
Energy Consumption					
Distributed Power Battery Management	●	●	●	●	●
Power Battery Heating System	●	●	●	●	●
Intelligent Charging Function	●	●	●	●	●
Home 220V AC Charging Gun (3 to 7)	●	●	●	●	●
VTOL Mobile Power Station Function	—	●	●	●	●
VTOL Power Output Device	—	●	●	●	●
Regenerative Braking System	●	●	●	●	●
DC Charging (Power 7W/R)	●	●	●	●	●
DC Charging (Power 8W/R)	—	—	●	●	●
Wheels					
Black Windforce Aluminum Alloy Wheels	●	●	●	●	—
18-inch Windwing Sport Aluminum Alloy Wheels	—	—	—	●	—
Maxxis Tires	—	—	—	○（235/50 R18）	○（235/50 R18）
Illuminated Element Logo "上汽与比亚迪"	●	●	●	●	●
Front Through Light Belt	●	●	●	●	●
Flying Dragon Dynamic Waistline	●	●	●	●	●
Gradient Dragon Scale D-Pillar	●	●	●	●	●
Brushless Wipers	●	●	●	●	●
Rear Wiper	●	●	●	●	●
Panoramic Sunroof (One-Touch Open/Close with Anti-Pinch)	—	●	—	●	●
Integrated Roof Rack	—	●	—	●	●
Interior					
Speed Blue + Power Gray Dual-Tone Interior	●	●	●	●	●
5-inch Floating LCD Instrument Panel	●	●	●	●	●
Integrated Sports Seats	—	●	—	●	●
Panoramic Sunroof Sunshade	—	●	—	●	●
BYD Heart Intelligent Connection System	●	●	●	●	●
Soft Center Console Armrest for Front Passenger	●	●	●	●	●
Rear Center Armrest with Dual Cup Holders	●	●	●	●	●
Rear 60 Split-Folding Seats	●	●	●	●	●
Rear Independent Hidden Headrests	●	●	●	●	●
Sun Visors with Vanity Mirrors (Driver and Front Passenger)	●	●	●	●	●
Frameless Interior Rearview Mirror	—	●	—	●	●
Knitted Fabric Headliner	●	●	●	●	●

Note: