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BYD QIN PLUS EV 2024

	2024 Pride Edition EV 420KM Leader	2024 Pride Edition EV 420KM Ultra	2024 Pride Edition EV 510KM Leader	2024 Pride Edition EV 510KM Beyond	2024 Pride Edition EV 510KM Excellence
Basic Parameters					
Manufacturer:	BYD	BYD	BYD	BYD	BYD
Class:	Compact Car	Compact Car	Compact Car	Compact Car	Compact Car
Engine:	100kW	100kW	100kW	100kW	100kW
	(electric motor)	(electric motor)	(electric motor)	(electric motor)	(electric motor)
Power Type:	Pure Electric	Pure Electric	Pure Electric	Pure Electric	Pure Electric
Combined maximum power (kW):	100	100	100	100	100
Combined maximum torque (Nm):	180	180	180	180	180
Transmission:	1st gear fixed gear ratio	1st gear fixed gear ratio	1st gear fixed gear ratio	1st gear fixed gear ratio	1st gear fixed gear ratio
Length x width x height (mm):	4765×1837×1515	4765×1837×1515	4765×1837×1515	4765×1837×1515	4765×1837×1515
Body structure:	4-door, 5-seat sedan	4-door, 5-seat sedan	4-door, 5-seat sedan	4-door, 5-seat sedan	4-door, 5-seat sedan
Year of launch:	2024	2024	2024	2024	2024
Top speed (km/h):	130	130	130	130	130
Official 0-50km/h acceleration time (s):	5.5	5.5	5.5	5.5	5.5
Whole Vehicle Warranty Policy:	6 years or 150,000 kilometers	6 years or 150,000 kilometers	6 years or 150,000 kilometers	6 years or 150,000 kilometers	6 years or 150,000 kilometers
First owner warranty policy:	-	-	-	-	-
Body Parameters					
Vehicle length (mm):	4765	4765	4765	4765	4765
Vehicle width (mm):	1837	1837	1837	1837	1837
Vehicle height (mm):	1515	1515	1515	1515	1515
Wheelbase (mm):	2718	2718	2718	2718	2718
Overall mass(kg):	1586	1586	1657	1657	1657
Total mass of quasi- trailer (kg):	-	-	-	-	-

Front wheelbase(mm):	1580	1580	1580	1580	1580
Rear wheelbase (mm):	1580	1580	1580	1580	1580
Body structure:	Sedan	Sedan	Sedan	Sedan	Sedan
Number of doors:	4	4	4	4	4
Number of seats:	5	5	5	5	5
Front luggage compartment volume (L):	-	-	-	-	-
Minimum volume of luggage compartment (L):	-	-	-	-	-
Luggage compartment maximum volume (L):	-	-	-	-	-
Electric motor					
Electric motor type:	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Maximum power of electric motor (kW):	100	100	100	100	100
Maximum torque of electric motor (Nm):	180	180	180	180	180
Maximum power of front electric motor (kW):	100	100	100	100	100
Front electric motor max. torque (Nm):	180	180	180	180	180
Battery					
NEDC pure electric range (km):	-	-	-	-	-
WLTC pure electric range (km):	-	-	-	-	-
CLTC pure electric range (km):	420	420	420	420	420
Battery energy (kWh):	48kWh	48kWh	57.6kWh	57.6kWh	57.6kWh
100km power consumption (kWh/100km):	11.6	11.6	11.9	11.9	11.9
Battery type:	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Rechargeable					
Normal full charge time:	-	-	-	-	-

Fast Full Charge Time:	-	-	-	-	-
Fast charge to 80% charge time:	-	-	-	-	-
Transmission					
Number of gears:	1	1	1	1	1
Transmission type:	Fixed Gear Ratio	Fixed Gear Ratio	Fixed Gear Ratio	Fixed Gear Ratio	Fixed Gear Ratio
Transmission Name:	Single speed gearbox for electric vehicles	Single speed gearbox for electric vehicles	Single speed gearbox for electric vehicles	Single speed gearbox for electric vehicles	Single speed gearbox for electric vehicles
Chassis Steering					
Drive Type:	Front-mounted front drive	Front-mounted front drive	Front-mounted front drive	Front-mounted front drive	Front-mounted front drive
Body Structure:	Load-bearing	Load-bearing	Load-bearing	Load-bearing	Load-bearing
Boost Type:	Electric power assist	Electric power assist	Electric power assist	Electric power assist	Electric power assist
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
Wheel Brake					
Front Brake Type:	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Rear Brake Type:	Disk	Disk	Disk	Disk	Disk
Parking Brake Type:	Electronic Parking	Electronic Parking	Electronic Parking	Electronic Parking	Electronic Parking
Front Tire Specifications:	215/55 R17	215/55 R17	215/55 R17	215/55 R17	215/55 R17
Rear Tire Specifications:	215/55 R17	215/55 R17	215/55 R17	215/55 R17	215/55 R17
Spare tire:	Tire repair kit only	Tire repair kit only	Tire repair kit only	Tire repair kit only	Tire repair kit only
Safety Features					
Primary/passenger airbags:	Primary ● / Secondary ●	Primary ● / Secondary ●	Primary ● / Secondary ●	Primary ● / Secondary ●	Primary ● / Secondary ●
Head airbags (air curtain):	-	Front ● / Rear	-	Front ● / Rear	Front ● / Rear
Side airbags:	front ● / rear -	front ● / rear -	front ● / rear -	front ● / rear -	front ● / rear -
Knee airbags:	-	-	-	-	-
Front center airbags:	-	-	-	-	-
Rear seat belt airbags:	-	-	-	-	-

Passive pedestrian protection:	-	-	-	-	-
Child seat interface:	•	•	•	•	•
Tire pressure monitoring device:	•	•	•	•	•
Zero tire pressure continue driving:	-	-	-	-	-
Seatbelt unbuckled reminder:	•	•	•	•	•
Interior center lock:	•	•	•	•	•
Remote key:	•	•	•	•	•
Fatigue Driving Alert:	-	-	-	-	-
Maneuvering Configurations					
ABS anti-lock:	•	•	•	•	•
Brake force distribution (EBD/CBC, etc.):	•	•	•	•	•
Brake assist (EBA/BAS/BA, etc.):	•	•	•	•	•
Traction control (ASR/TCS, etc.):	•	•	•	•	•
Stability control (ESP/ESC, etc.):	•	•	•	•	•
Hill Descent Assist:	•	•	•	•	•
Steep hill descent:	-	-	-	-	-
Automatic parking:	•	•	•	•	•
Merge assist:	-	-	-	-	•
Lane departure warning system:	-	-	-	-	•
Variable suspension:	-	-	-	-	-
Variable steering ratio:	-	-	-	-	-
Active braking:	-	-	-	-	•
Exterior Features					
Power sunroof:	-	•	-	•	•
Panoramic sunroof:	-	-	-	-	-
Sport Edition surround:	-	-	-	-	-

Aluminum wheels:	●	●	●	●	●
Luggage rack:	-	-	-	-	-
Remote start:	●	●	●	●	●
Electric trunk:	-	-	-	-	-
Sensor trunk:	-	-	-	-	-
Interior Configurations					
Leather steering wheel:	●	●	●	●	●
Steering wheel adjustment:	Up, down ● / far, near ●	Up, down ● / far, near ●	Up, down ● / far, near ●	Up, down ● / far, near ●	Up, down ● / far, near ●
Multifunction steering wheel:	●	●	●	●	●
Power adjustable steering wheel:	-	-	-	-	-
Steering wheel memory:	-	-	-	-	-
Heated steering wheel:	-	-	-	-	-
Shift paddles:	-	-	-	-	-
Parking radar:	Front - / Back ●	Front - / Back ●	Front - / Back ●	Front - / Back ●	Front - / Back ●
Reversing video camera:	●	-	●	-	-
Panoramic camera:	-	●	-	●	●
Transparent chassis/540-degree image:	-	-	-	-	-
Automatic parking in place:	-	-	-	-	-
Cruise control:	●	●	●	●	-
Adaptive cruise control:	-	-	-	-	●
Keyless entry:	●	●	●	●	●
Keyless Start:	●	●	●	●	●
Trip computer display:	●	●	●	●	●
Full LCD instrument cluster:	-	-	-	-	-
LCD gauge sizes:	8.8 inches	8.8 inches	8.8 inches	8.8 inches	8.8 inches
HUD head-up digital display:	-	-	-	-	-
220V/230V power supply:	-	-	-	-	-

Built-in car recorder:	-	-	-	-	•
Cell phone wireless charging function:	-	-	-	-	•
ETC device:	-	-	-	-	-
Seat Configuration					
Seat Material:	imitation leather	imitation leather	imitation leather	imitation leather	imitation leather
Sport style seats:	•	•	•	•	•
Seat height adjustment:	•	•	•	•	•
Power-adjustable main/passenger seats:	-	Primary • / Secondary -	-	Primary • / Secondary -	Primary • / Secondary •
Rear seat power adjustment:	-	-	-	-	-
Passenger seat rear adjustment:	-	-	-	-	-
Lumbar support adjustment:	-	-	-	-	-
Shoulder support adjustment:	-	-	-	-	-
Leg support adjustment:	-	-	-	-	-
Primary/secondary seat memory:	-	-	-	-	-
Rear seat memory:	-	-	-	-	-
Heated seats:	-	-	-	-	-
Seat ventilation:	-	-	-	-	-
Seat massage:	-	-	-	-	-
Second row back angle adjustment:	-	-	-	-	-
Second row seat movement:	-	-	-	-	-
Rear seat-reclining mode:	Ratio	Ratio	Ratio	Ratio	Ratio
Center armrest:	Front • / Rear •	Front • / Rear •	Front • / Rear •	Front • / Rear •	Front • / Rear •
Rear cup holders:	•	•	•	•	•
Multimedia configuration					

Wi-Fi hotspot:	•	•	•	•	•
In-car navigation system:	•	•	•	•	•
Bluetooth/in-car phone:	•	•	•	•	•
Center control color screen:	•	•	•	•	•
Center control screen size:	10.1 inches	10.1 inches	10.1 inches	10.1 inches	10.1 inches
Passenger side screen size:	-	-	-	-	-
Voice control system:	•	•	•	•	•
Roadside assistance call:	-	-	-	-	-
Cell phone connectivity/mapping :	-	-	-	-	-
Audio Brand:	-	-	-	-	-
External audio interface (AUX/USB, etc.):	•	•	•	•	•
Number of speakers:	4 speakers	6 speakers	4 speakers	6 speakers	6 speakers
Lighting Configuration					
Low beam:	LED	LED	LED	LED	LED
High beam:	LED	LED	LED	LED	LED
Front fog lights:	-	-	-	-	-
Daytime running lights:	•	•	•	•	•
Height-adjustable headlights:	•	•	•	•	•
Automatic headlights:	•	•	•	•	•
Cornering assist lighting:	-	-	-	-	-
Follow steering headlights:	-	-	-	-	-
Automatic switching between high and low beam:	-	-	-	-	•
Headlamp washers:	-	-	-	-	-
Interior ambient lighting:	-	-	-	-	-
Color-changing ambient lighting:	-	-	-	-	•

Glass/Mirrors					
Power windows:	Front ● / Back ●	Front ● / Back ●	Front ● / Back ●	Front ● / Back ●	Front ● / Back ●
One-touch window up/down:	-	All Vehicle	-	All Vehicle	All Vehicle
Window anti-pinch feature:	-	●	-	●	●
Multi-layer acoustic glass:	-	-	-	-	-
Rear privacy glass:	-	-	-	-	-
Power mirrors:	●	●	●	●	●
Heated mirrors:	●	●	●	●	●
Power folding rearview mirrors:	-	●	-	●	●
Automatic anti-glare rearview mirror:	-	-	-	-	-
Rearview mirror memory:	-	-	-	-	-
Streaming interior rearview mirror:	-	-	-	-	-
Rear side sunshade:	-	-	-	-	-
Rear windshield sunshade:	-	-	-	-	-
Sun visor vanity mirrors:	●	●	●	●	●
Rain-sensing wipers:	-	-	-	-	-
Rear windshield wipers:	-	-	-	-	-
Air Conditioning/Refrigerator					
Air Conditioning Controls:	automation●	automation●	automation●	automation●	automation●
Heat pump air conditioning:	●	●	●	●	●
Individual rear air conditioning:	-	-	-	-	-
Rear air vents:	●	●	●	●	●
Temperature zone control:	Two zones	Two zones	Two zones	Two zones	Two zones
In-vehicle PM2.5 filter:	●	●	●	●	●
In-vehicle air purifier:	-	-	-	-	●