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## Product Parameter Configuration Table (2023 BYD QIN PLUS EV)

Model Number	Qin PLUS EV 2023 Champion Edition 420KM leading model	Qin PLUS EV 2023 Champion Edition 420KM Beyond Type	Qin PLUS EV 2023 Champion Edition 510KM leading model	Qin PLUS EV 2023 Champion Edition 510KM Beyond	Qin PLUS EV 2023 Champion Edition 510KM Excellence	Qin PLUS EV 2023 Champion Edition 610KM Excellence
Charge Way	Electric	Electric	Electric	Electric	Electric	Electric
Price(exw)	\$19,408	\$20,394	\$20,816	\$22,225	\$23,633	\$26,028
Seats	5	5	5	5	5	5
Range(km)	420	420	510	510	510	610
Charging Time	0.5 hour fast charging, 6.79 hour slow charging	0.5 hour fast charging, 6.79 hour slow charging	0.5 hour fast charging, 6.79 hour slow charging	0.5 hour fast charging, 8.14 hour slow charging	0.5 hour fast charging, 8.14 hour slow charging	0.5 hour fast charging, 10.24 hour slow charging
Fast charging capacity	80%	80%	80%	80%	80%	80%
Max Power(kw)	100(136Ps)	100(136Ps)	100(136Ps)	100(136Ps)	100(136Ps)	135(184Ps)
Max Torque(N.m)	180	180	180	180	180	280
Transmission	Single-speed gearbox for electric vehicles					
Transmission type	Fixed gear ratio gearbox					
Body Structure	four doors and five seats Sedan					
Top speed(km/h)	130	150	-	130	130	150
100km acceleration time(s)	-	-	-	-	-	9
Power consumption 100km(kwh/100km)	12	12	12	12.3	12.3	12.9
Warranty period	6 years or 150,000 km	1 years or 100,000 km	3 years or 100,000 km	6 years or 150,000 km	6 years or 150,000 km	6 years or 150,000 km
Length*width*height (mm)	4765x1837x1515					
Wheelbase(mm)	2718					
Front Wheelbase(mm)	1580					
Rear wheelbase(mm)	1580					
Overall weight(kg)	1580	1580	-	1650	1650	1820
Full load mass(kg)	1955	1955	-	2025	2025	2195

Basic  
Parameter

Battery type	Lithium iron phosphate batteries					
Battery capacity(kwh)	47.5	47.5	47.5	57	57	71.7
Drive mode	FF					
Front Suspension type	McPherson independent suspension					
Rear suspension type	Multi link independent suspension	Longitudinal arm torsion beam type independent suspension	Longitudinal arm torsion beam type independent suspension	Multi link independent suspension	Multi link independent suspension	Multi link independent suspension
Front Brake Type	Vented Disc					
Rear brake type	Solid Disc					
Front Tire Size	215/55 R17	215/55 R16	215/55 R16	215/55 R17	215/55 R17	235/45 R18
Rear Tire Size	215/55 R17	215/55 R16	215/55 R16	215/55 R17	215/55 R17	235/45 R18
ABS anti-lock	●	●	●	●	●	●
Brake force distribution (EBD/CBC.etc)	●	●	●	●	●	●
Brake Assist (EBA/BA.etc)	●	●	●	●	●	●
Traction Control (TCS/ASR.etc)	●	●	●	●	●	●
Body Stability System (ESP/DSC.etc)	●	●	●	●	●	●
Lane Departure Warning	-	-	-	-	●	●
Forward Collision Warning	-	-	-	-	●	●
Rear Traffic Alert	-	-	-	-	●	●
Reverse Side Warning	-	-	-	-	●	●
Active Braking	-	-	-	-	●	●
Merge Assist	-	-	-	-	●	●
Lane Keeping Assist	-	-	-	-	●	●
Fatigue Driving Alert	-	-	-	-	-	-
Road Traffic Sign Recognition	-	-	-	-	●	●
Night Vision System	-	-	-	-	-	-
Front airbags	●	●	●	●	●	●
side airbags	front seats	-	-	front seats	front seats	front seats
Side air curtain	●	-	-	●	●	●
Tire pressure monitoring system	Tire pressure display	Tire pressure warning	Tire pressure warning	Tire pressure display	Tire pressure display	Tire pressure display

Safety

	Passive pedestrian protection	-	-	-	-	-	-
Intelligent	Front parking radar	-	-	-	-	●	●
	Rear parking radar	●	●	●	●	●	●
	Back-up camera	●	●	●	●	●	●
	360 degree panoramic view	-	-	-	-	●	●
	Automatic parking	-	-	-	-	-	-
	Autohold	●	●	●	●	●	●
	Brake energy recovery system	●	●	●	●	●	●
Configuration	Panoramic sunroof	Single	Single	-	Single	Single	Single
	Roof racks	-	-	-	-	-	-
	Hidden door handles	-	-	-	-	-	-
	Steering wheel material	leathern	plastic	leathern	leathern	leathern	leathern
	Sensor type rear tailgate	-	-	-	-	-	-
	Interior central locking	●	●	●	●	●	●
	Keyless entry	front seats					
	Keyless start	●	●	●	●	●	●
	Remote start	●	●	●	●	●	●
	Remote vehicle movement	●	●	●	●	●	●
	Built-in car recorder	-	-	-	-	●	●
	Wireless charging for cell phones	●	-	-	●	●	●
	Seat Material	imitation leather					
	Power adjustable front seats	driving position	-	-	driving position	driving position	front seats
Second row seats partially adjustable	headrest						
Intelligent	GPS navigation system	●	●	●	●	●	●
	OTA upgrade	●	●	●	●	●	●
	Facial recognition	-	-	-	-	-	-
	Voice recognition control system	●	-	-	●	●	●
	WI-FI hotspot	●	●	●	●	●	●
	In-car TV	-	-	-	-	-	-
	Rear LCD screen	-	-	-	-	-	-
	Number of speakers	6	4	4	6	6	10

	Assisted Driving Operating System	-	-	-	-	-	-
	Mobile app remote control	●	●	●	●	●	●
	Heat pump management system	-	-	-	-	-	-
	Number of cameras	1	1	1	1	6	6
	Number of ultrasonic radar	4	4	4	4	6	6
	Number of millimeter wave radar	-	-	-	-	1	1
Light	Daytime running lights	●	●	●	●	●	●
	Adaptive near and far light	-	-	-	-	●	●
	Automatic headlights	●	●	●	●	●	●
	AFS (Automated Front Light Steering)	-	-	-	-	-	-
	Interior atmosphere light	-	-	-	-	multicolor	multicolor
	Headlight rain and fog mode	-	-	-	-	-	-
	Automatic anti-dazzle function for interior rear view mirror	-	-	-	-	-	-
	Interior make-up mirror	●	copilot	copilot	●	●	●
	Rear privacy glass	-	-	-	-	-	-
	Rain-sensing wipers	-	-	-	-	-	-
	Heated water spray nozzle	-	-	-	-	-	-
	Temperature zoning control	Dual zone air conditioning	-	-	Dual zone air conditioning	Dual zone air conditioning	Dual zone air conditioning
	Interior air conditioning / pollen filter / PM2.5 filter	●	●	●	●	●	●
Negative ion generator	-	-	-	-	-	-	
Interior fragrance device	-	-	-	-	-	-	