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Product Parameter Configuration Table (2022 BYD YUAN PLUS EV)

Model Number	Yuan plus 510KM flagship plus	Yuan plus 510KM flagship	Yuan plus 510KM honorable	Yuan plus 430KM nobel	Yuan plus 430km luxury	
Basic Parameter	Charge Way	Electric				
	Price(exw)	\$24,382	\$23,205	\$21,735	\$21,294	\$20,264
	Seats	5				
	Range(km)	510	510	510	430	430
	Charging Time	0.5 hour fast charging, 8.64 hour slow charging				
	Fast charging capacity	80%				
	Max Power(kw)	150(204ps)				
	Max Torque(N.m)	310				
	Transmission	Single-speed gearbox for electric vehicles				
	Transmission type	Fixed gear ratio gearbox				
	Body Structure	five doors and five seats SUV				
	Top speed(km/h)	160				
	100km acceleration time(s)	7.3				
	Power consumption 100km(kwh/100km)	12.5	12.5	12.5	12.2	12.2
	Warranty period	6 years or 150,000 km				
	Length*width*height (mm)	4455x1875x1615				
	Wheelbase(mm)	2720				
	Front Wheelbase(mm)	1575				
	Rear wheelbase(mm)	1580				
	Overall weight(kg)	1690	1690	1690	1615	1615
Full load mass(kg)	2065	2065	2065	1990	1990	
Battery type	Lithium iron phosphate batteries					
Battery capacity(kwh)	60.48	60.48	60.48	49.92	49.92	

	Drive mode	FF				
	Front Suspension type	McPherson independent suspension				
	Rear suspension type	Multi link independent suspension				
	Front Brake Type	Vented Disc				
	Rear brake type	Solid Disc				
	Front Tire Size	215/55 R18	215/55 R18	215/60 R17	215/60 R17	215/60 R17
	Rear Tire Size	215/55 R18	215/55 R18	215/60 R17	215/60 R17	215/60 R17
Safety	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	●	●	-	-	-
	DOW door opening warning	●	●	-	-	-
	Active Braking	●	●	-	●	-
	Merge Assist	●	●	-	-	-
	Lane Keeping Assist	●	●	-	●	-
	Fatigue Driving Alert	-	-	-	-	-
	Road Traffic Sign Recognition	●	●	-	●	-
	Night Vision System	-	-	-	-	-
	Front airbags + side airbags	●	●	●	●	●
	Side air curtain	●	●	-	●	-
	Tire pressure monitoring system	Tire pressure display				
	Passive pedestrian protection	-	-	-	-	-
	Front parking radar	●	●	-	●	-
	Rear parking radar	●	●	●	●	●

Intelligent	Back-up camera	●	●	●	●	●
	360 degree panoramic view	●	●	-	●	-
	540 degree panoramic view	●	●	-	●	-
	Automatic parking	●	-	-	-	-
	Autohold	●	●	●	●	●
	Brake energy recovery system	●	●	●	●	●
Configuration	Panoramic sunroof	●	●	-	●	-
	Roof racks	●	●	-	●	-
	Hidden door handles	-	-	-	-	-
	Steering wheel material	leathern				
	Sensor type rear tailgate	-	-	-	-	-
	Interior central locking	●	●	●	●	●
	Keyless entry	driving position				
	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			
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	8	8	6	6	6

	Assisted Driving Operating System	Dipilot	Dipilot	-	Dipilot	-
	Mobile app remote control	●	●	●	●	●
	Heat pump management system	●	●	●	●	●
	Number of cameras	6	6	1	6	1
	Number of ultrasonic radar	12	6	4	6	4
	Number of millimeter wave radar	3	3	-	1	-
Light	Daytime running lights	●	●	●	●	●
	Adaptive near and far light	●	●	-	●	-
	Automatic headlights	●	●	●	●	●
	AFS (Automated Front Light Steering)	-	-	-	-	-
	Interior atmosphere light	multicolor	multicolor	-	multicolor	-
	Headlight rain and fog mode	-	-	-	-	-
	Automatic anti-dazzle function for interior rear view mirror	●	●	-	●	-
	Interior make-up mirror	●	●	●	●	●
	Rear privacy glass	-	-	-	-	-
	Rain-sensing wipers	-	-	-	-	-
	Heated water spray nozzle	-	-	-	-	-
	Interior air conditioning / pollen filter / PM2.5 filter	●	●	●	●	●
	Negative ion generator	-	-	-	-	-
Interior fragrance device	-	-	-	-	-	