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Product Parameters Configuration(2023 BYD SONG PLUS EV)

Model Number		Song PLUS EV 2023 Champion Edition 520KM Luxury	Song PLUS EV 2023 Champion Edition 520KM Distinguished Model	Song PLUS EV 2023 Champion Edition 520KM Flagship	Song PLUS EV 2023 Champion Edition 605KM Flagship PLUS
Basic Parameter	Charge Way	Electric	Electric	Electric	Electric
	Seats	5	5	5	5
	Range(km)	520	520	520	605
	Charging Time	0.5 hour fast charging, 10.2hour slow charging	0.5 hour fast charging, 10.2hour slow charging	0.5 hour fast charging, 10.2hour slow charging	0.47 hour fast charging, 12.4hour slow charging
	Fast charging capacity	80%	80%	80%	80%
	Max Power(kw)	150(204Ps)	150(204Ps)	150(204Ps)	160(218Ps)
	Max Torque(N.m)	310	310	310	330
	Transmission	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
	Transmission type	Fixed gear ratio gearbox	Fixed gear ratio gearbox	Fixed gear ratio gearbox	Fixed gear ratio gearbox
	Body Structure	five doors and five seats SUV	five doors and five seats SUV	five doors and five seats SUV	five doors and five seats SUV
	Top speed(km/h)	175	175	175	175
	100km acceleration time(s)	4	4	4	4
	Power consumption 100km(kwh/100km)	13.7kWh	13.7kWh	13.7kWh	14.4kWh
	Length*width*height (mm)	4785*1890*1660	4785*1890*1660	4785*1890*1660	4785*1890*1660
	Wheelbase(mm)	2765	2765	2765	2765
	Front Wheelbase(mm)	1630	1630	1630	1630
	Rear wheelbase(mm)	1630	1630	1630	1630
	Overall weight(kg)	1920	1920	1920	1920
	Full load mass(kg)	2295	2295	2295	2295
	Battery type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery capacity(kwh)	90	90	90	90	

	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	235/50 R19	235/50 R19	235/50 R19	235/50 R19
	Rear Tire Size	235/50 R19	235/50 R19	235/50 R19	235/50 R19
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	Tire pressure display	Tire pressure display	Tire pressure display
	Passive pedestrian protection	-	-	-	-
Front parking radar	●	●	●	●	
Rear parking radar	●	●	●	●	
Back-up camera	●	●	●	●	
360 degree panoramic view	-	●	●	●	

Intelligent	Cruise System(cruise control/adaptive cruise/full speed adaptive cruise)	control cruise	control cruise	●	●
	Auxiliary driving level	-	-	L2	L2
	Automatic parking	-	-	-	●
	Autohold	●	●	●	●
	Brake energy recovery system	●	●	●	●
Configuration	Panoramic sunroof	●	●	●	●
	Roof racks	●	●	●	●
	Hidden door handles	-	-	-	-
	Steering wheel material	leathern	leathern	leathern	leathern
	Sensor type rear tailgate	-	-	-	-
	Interior central locking	●	●	●	●
	Keyless entry	front seats	front seats	front seats	front seats
	Keyless start	●	●	●	●
	Remote start	●	●	●	●
	Remote vehicle movement	●	●	●	●
	Built-in car recorder	●	●	●	●
	Wireless charging for cell phones	-	-	●	●
	Seat Material	imitation leather	imitation leather	imitation leather	imitation leather
	Power adjustable front seats	front seats	front seats	front seats	front seats
Second row seats partially adjustable	headrest	headrest	headrest	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	6	9	9
	Mobile app remote control	●	●	●	●

	Heat pump management system	-	-	-	-
	Number of cameras	5	5	6	6
	Number of ultrasonic radar	6	6	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	singlecolor	singlecolor	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	-	-	-	-	