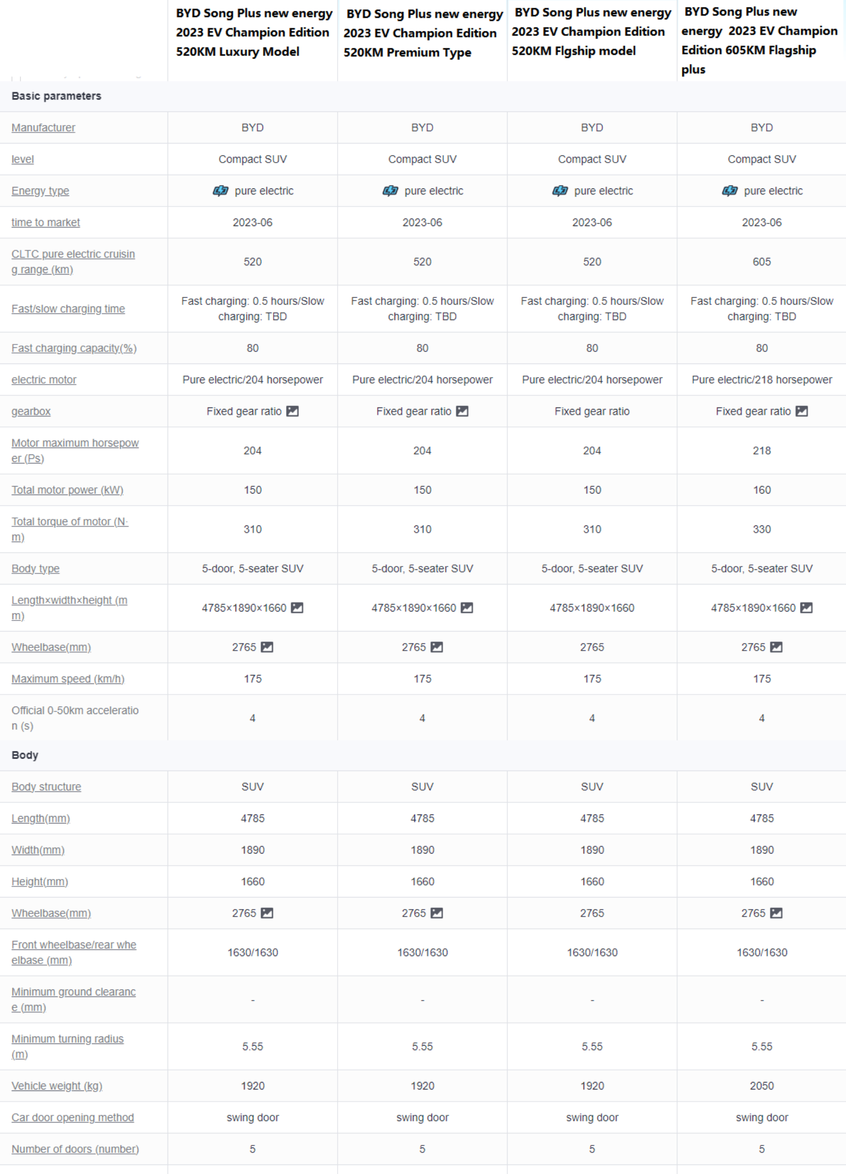
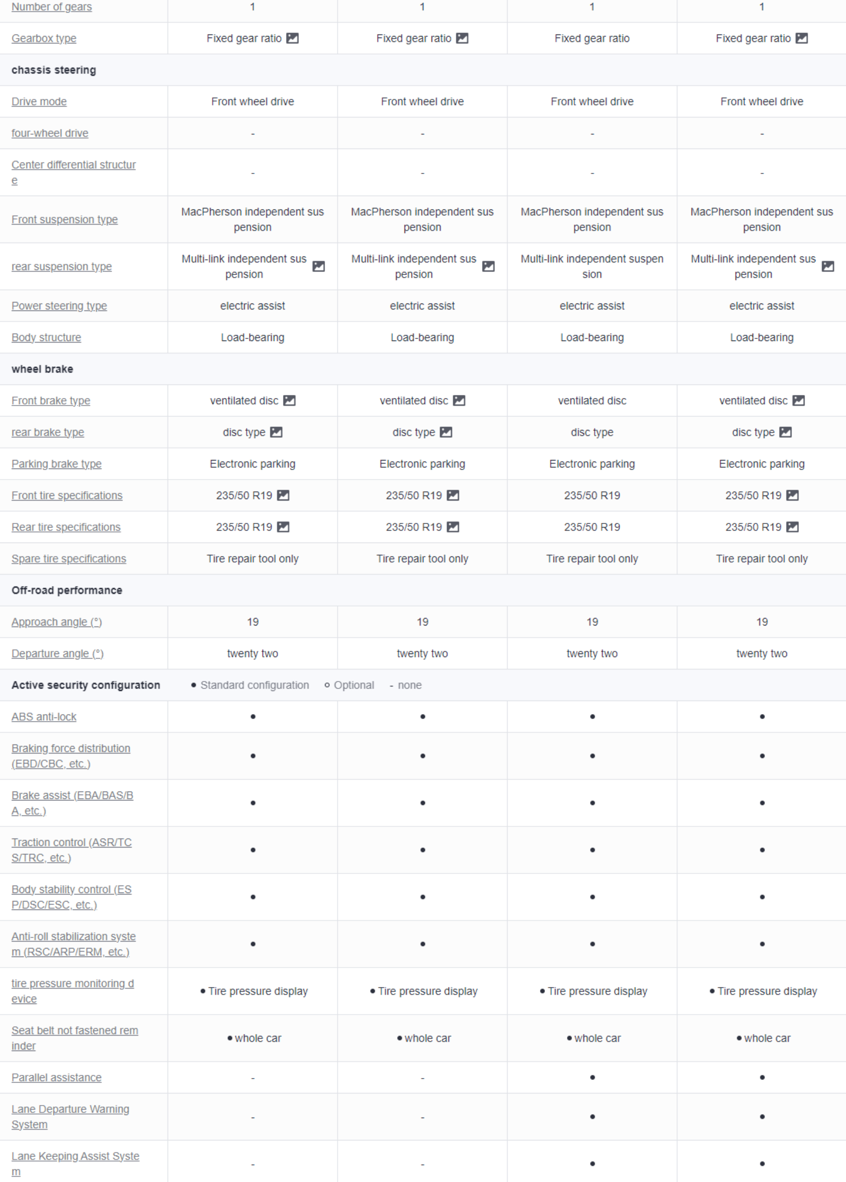


	BYD Song Plus new energy 2023 EV Champion Edition 520KM Luxury Model	**BYD Song Plus new energy 2023 EV Champion Edition 520KM Premium Type**	**BYD Song Plus new energy 2023 EV Champion Edition 520KM Flgship model**	**BYD Song Plus new energy 2023 EV Champion Edition 605KM Flagship plus**
Basic parameters				
Manufacturer	BYD	BYD	BYD	BYD
level	Compact SUV	Compact SUV	Compact SUV	Compact SUV
Energy type	pure electric	pure electric	pure electric	pure electric
time to market	2023-06	2023-06	2023-06	2023-06
CLTC pure electric cruising range (km)	520	520	520	605
Fast/slow charging time	Fast charging: 0.5 hours/Slow charging: TBD	Fast charging: 0.5 hours/Slow charging: TBD	Fast charging: 0.5 hours/Slow charging: TBD	Fast charging: 0.5 hours/Slow charging: TBD
Fast charging capacity(%)	80	80	80	80
electric motor	Pure electric/204 horsepower	Pure electric/204 horsepower	Pure electric/204 horsepower	Pure electric/218 horsepower
gearbox	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio
Motor maximum horsepower (Ps)	204	204	204	218
Total motor power (kW)	150	150	150	160
Total torque of motor (N·m)	310	310	310	330
Body type	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV
Length×width×height (mm)	4785×1890×1660	4785×1890×1660	4785×1890×1660	4785×1890×1660
Wheelbase(mm)	2765	2765	2765	2765
Maximum speed (km/h)	175	175	175	175
Official 0-50km acceleration (s)	4	4	4	4
Body				
Body structure	SUV	SUV	SUV	SUV
Length(mm)	4785	4785	4785	4785
Width(mm)	1890	1890	1890	1890
Height(mm)	1660	1660	1660	1660
Wheelbase(mm)	2765	2765	2765	2765
Front wheelbase/rear wheelbase (mm)	1630/1630	1630/1630	1630/1630	1630/1630
Minimum ground clearance (mm)	-	-	-	-
Minimum turning radius (m)	5.55	5.55	5.55	5.55
Vehicle weight (kg)	1920	1920	1920	2050
Car door opening method	swing door	swing door	swing door	swing door
Number of doors (number)	5	5	5	5

Number of seats (seats)	5	5	5	5
Gas tank volume (L)	-	-	-	-
Hydrogen loading (kg)	-	-	-	-
Fuel tank volume (L)	-	-	-	-
Front trunk volume (L)	-	-	-	-
Trunk volume (L)	-	-	-	-
Maximum trunk volume (L)	-	-	-	-
Interior dimensions of trunk (mm)	-	-	-	-
drag coefficient	-	-	-	-
Cargo box size (mm)	-	-	-	-
Maximum load mass (kg)	-	-	-	-
Maximum full load mass (kg)	2295	2295	2295	2425
Total mass of quasi-trailer (kg)	-	-	-	-
Motor/battery				
Motor model	TZ200XSQ	TZ200XSQ	TZ200XSQ	-
Motor type	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization
Motor maximum horsepower (Ps)	204	204	204	218
Total motor power (kW)	150	150	150	160
Total torque of motor (N·m)	310	310	310	330
Maximum power of front electric motor (kW)	150	150	150	160
Maximum torque of front electric motor (N·m)	310	310	310	330
Number of drive motors	single motor	single motor	single motor	single motor
Motor layout	prefix	prefix	prefix	prefix
CLTC pure electric cruising range (km)	520	520	520	605
Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery brand	Ferdy	Ferdy	Ferdy	Ferdy
Exchange battery	not support	not support	not support	not support
Battery capacity (kWh)	71.8	71.8	71.8	87.04
Battery charging time	Fast charging: 0.5 hours/Slow charging: TBD	Fast charging: 0.5 hours/Slow charging: TBD	Fast charging: 0.5 hours/Slow charging: TBD	Fast charging: 0.5 hours/Slow charging: TBD
Fast charging power (kW)	90	90	90	140
Fast charging capacity(%)	80	80	80	80
gearbox				



Number of gears	1	1	1	1
Gearbox type	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio
chassis steering				
Drive mode	Front wheel drive	Front wheel drive	Front wheel drive	Front wheel drive
four-wheel drive	-	-	-	-
Center differential structure	-	-	-	-
Front suspension type	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
Power steering type	electric assist	electric assist	electric assist	electric assist
Body structure	Load-bearing	Load-bearing	Load-bearing	Load-bearing
wheel brake				
Front brake type	ventilated disc	ventilated disc	ventilated disc	ventilated disc
rear brake type	disc type	disc type	disc type	disc type
Parking brake type	Electronic parking	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	235/50 R19	235/50 R19	235/50 R19	235/50 R19
Rear tire specifications	235/50 R19	235/50 R19	235/50 R19	235/50 R19
Spare tire specifications	Tire repair tool only	Tire repair tool only	Tire repair tool only	Tire repair tool only
Off-road performance				
Approach angle (°)	19	19	19	19
Departure angle (°)	twenty two	twenty two	twenty two	twenty two
Active security configuration	● Standard configuration ○ Optional - none			
ABS anti-lock	●	●	●	●
Braking force distribution (EBD/CBC, etc.)	●	●	●	●
Brake assist (EBA/BAS/BA, etc.)	●	●	●	●
Traction control (ASR/TCS/TRC, etc.)	●	●	●	●
Body stability control (ESP/DSC/ESC, etc.)	●	●	●	●
Anti-roll stabilization system (RSC/ARP/ERM, etc.)	●	●	●	●
tire pressure monitoring device	● Tire pressure display	● Tire pressure display	● Tire pressure display	● Tire pressure display
Seat belt not fastened reminder	● whole car	● whole car	● whole car	● whole car
Parallel assistance	-	-	●	●
Lane Departure Warning System	-	-	●	●
Lane Keeping Assist System	-	-	●	●

Lane centering	-	-	●	●
Active braking/active safety system	-	-	●	●
Road traffic sign recognition	-	-	●	●
Fatigue driving tips	-	-	-	-
night vision system	-	-	-	-
DOW opening warning	-	-	●	●
forward collision warning	-	-	●	●
rear collision warning	-	-	●	●
Passive safety configuration	● Standard configuration ○ Optional - none			
Driver's seat airbag	●	●	●	●
Passenger airbag	●	●	●	●
Front side airbag	●	●	●	●
rear side airbag	●	●	●	●
Front head airbag (curtain airbag)	●	●	●	●
Rear head airbag (curtain airbag)	●	●	●	●
Run-proof tires	-	-	-	-
Pedestrian Collision Protection System	-	-	●	●
ISO FIX child seat interface	●	●	●	●
Driving assistance configuration	● Standard configuration ○ Optional - none			
Assisted driving system	-	-	DiPilot	DiPilot
cruise system	● cruise control	● cruise control	● Full speed adaptive cruise	● Full speed adaptive cruise
front radar	●	●	●	●
Rear parking radar	●	●	●	●
Parking camera system	● Reverse image	● 540-degree panoramic image/transparent chassis	● 540-degree panoramic image/transparent chassis	● 540-degree panoramic image/transparent chassis
Vehicle side blind spot imaging system	-	-	-	-
Reversing dynamic reminder system	-	-	●	●
Driving mode switch	● Standard/Comfortable ● economy ● sports	● Standard/Comfortable ● economy ● sports	● Standard/Comfortable ● economy ● sports	● Standard/Comfortable ● economy ● sports
Terrain mode switch	● Snow	● Snow	● Snow	● Snow
Automatic parking	-	-	-	●
Remote control parking/exit	●	●	●	●
energy recovery system	●	●	●	●

Hill assist	●	●	●	●
automatic parking	●	●	●	●
steep descent	●	●	●	●
Variable suspension adjustment	-	-	-	-
Electromagnetic induction suspension	-	-	-	-
air suspension	-	-	-	-
Driving assistance level	-	-	L2	L2
Intelligent driving function	● Standard configuration ○ Optional - none			
Built-in high-precision map	-	-	-	-
remote summoning	-	-	-	-
Intelligent driving hardware	● Standard configuration ○ Optional - none			
Number of cameras	1	4	4	4
millimeter wave radar	-	-	-	-
ultrasonic radar	6	6	6	12
External configuration	● Standard configuration ○ Optional - none			
Sport appearance package	-	-	-	-
Aluminum alloy wheels	●	●	●	●
Electric spoiler	-	-	-	-
Electric suction door	-	-	-	-
Frameless design door	-	-	-	-
Electric trunk	-	●	●	●
Trunk sensor opening	-	-	-	-
Electric trunk position memory	-	●	●	●
Openable rear windshield	-	-	-	-
roof rack	●	●	●	●
Hidden electric door handle	-	-	-	-
Active air intake grille	-	-	-	-
Battery preheating	●	●	●	●
external discharge	●	●	●	●
Maximum external discharge power	-	-	-	-
Low speed warning	●	●	●	●
Internal configuration	● Standard configuration ○ Optional - none			
Steering wheel material	● cortex	● cortex	● cortex	● cortex
Steering wheel adjustment range	Up and down + front and back	Up and down + front and back	Up and down + front and back	Up and down + front and back

Electric steering wheel adjustment	-	-	-	-
Shift pattern	Electronic gear shift	Electronic gear shift	Electronic gear shift	Electronic gear shift
Multifunction steering wheel	●	●	●	●
steering wheel paddles	-	-	-	-
Steering wheel heating	-	-	-	-
steering wheel memory	-	-	-	-
LCD instrument panel displays information	● Driving information ● multimedia information	● Driving information ● multimedia information	● Driving information ● multimedia information	● Driving information ● multimedia information
Full LCD instrument panel	●	●	●	●
LCD instrument panel size	12.3 inches	12.3 inches	12.3 inches	12.3 inches
HUD heads up digital display	-	-	-	-
Vehicle driving recorder	●	●	●	●
Mobile phone wireless charging	-	● front row	● front row	● front row
Electrically adjustable pedals	-	-	-	-

Power supply inside/outside the car ● Standard configuration ○ Optional - none

12V power interface in trunk	-	-	-	-
220V/230V power supply	-	-	-	-

Anti-theft configuration ● Standard configuration ○ Optional - none

Central locking in car	●	●	●	●
Key type	● remote key ● Bluetooth key ● NFC key	● remote key ● Bluetooth key ● NFC key	● remote key ● Bluetooth key ● NFC key	● remote key ● Bluetooth key ● NFC key
remote start	●	●	●	●
Keyless start system	●	●	●	●
Keyless entry system	● front row	● front row	● front row	● front row

Seat configuration ● Standard configuration ○ Optional - none

seat material	imitation leather	imitation leather	imitation leather	imitation leather
Sports style seats	-	-	-	-
Front seat height adjustment	● Driver's seat	● Driver's seat	● Driver's seat	● Driver's seat
Front seat cushion angle adjustment	-	-	● Driver's seat	● Driver's seat
Front seat cushion length adjustment	-	-	-	-
Front lumbar support adjustment	-	-	-	-
Front backrest adjustment	-	-	-	-
Front seat leg rest adjustment	-	-	-	-

Electric driver's seat adjustment	•	•	•	•
Electrically adjustable passenger seat	•	•	•	•
Second row seat adjustment	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
Power seat memory	-	-	• Driver's seat	• Driver's seat
Heated front seats	-	-	•	•
Heated second row seats	-	-	-	-
Ventilated front seats	-	-	•	•
Ventilated second row seats	-	-	-	-
Front seat massage	-	-	-	-
Second row seat massage	-	-	-	-
Rear seats fold down	Inverted proportions 🖼	Inverted proportions 🖼	Inverted proportions	Inverted proportions 🖼
Seat layout	-	-	-	-
Front seat center armrest	•	•	•	•
Rear seat center armrest	•	•	•	•
Rear cup holder	•	•	•	•
Air conditioning configuration	• Standard configuration ○ Optional - none			
Air conditioning adjustment method	• automatic	• automatic	• automatic	• automatic
Temperature zone control	• dual zone	• dual zone	• dual zone	• dual zone
Independent air conditioning in the rear	-	-	-	-
Rear seat air outlet	•	•	•	•
In-car PM2.5 filter device	-	-	•	•
Car air purifier	-	-	•	•
negative ion generator	-	-	-	-
Car fragrance device	-	-	-	-
Glove box/armrest box air conditioning outlet	-	-	-	-
car refrigerator	-	-	-	-
Lighting configuration	• Standard configuration ○ Optional - none			
low beam light source	led 🖼	led 🖼	led	led 🖼
high beam light source	led 🖼	led 🖼	led	led 🖼
Special structure of headlights	-	-	-	-
Adaptive high and low beam lights	-	-	•	•
daytime running lights	•	•	•	•
automatic headlight	•	•	•	•

Turn assist light	-	-	-	-
Adaptive headlights (AFS)	-	-	-	-
Front fog lights	-	-	-	-
Headlight rain and fog mode	●	●	●	●
Headlight height adjustable	●	●	●	●
Headlight cleaning device	-	-	-	-
Delayed turn off of headlights	●	●	●	●
touch reading light	-	-	-	-
Car interior ambient light	-	● monochrome	● 31 colors	● 31 colors
glass/rear view mirror	● Standard configuration ○ Optional - none			
Skylight type	● Openable panoramic sunroof	● Openable panoramic sunroof	● Openable panoramic sunroof	● Openable panoramic sunroof
electric windows	● whole car	● whole car	● whole car	● whole car
One-touch window raising/lowering	● whole car	● whole car	● whole car	● whole car
Window anti-pinch function	● whole car	● whole car	● whole car	● whole car
Multilayer soundproof glass	-	● front windshield ● front window	● front windshield ● front window	● front windshield ● front window
UV/insulating glass	●	●	●	●
Electrically adjustable rear view mirror	●	●	●	●
Heated exterior mirrors	●	●	●	●
Electric folding rearview mirror	●	●	●	●
Rearview mirror locks and automatically folds	●	●	●	●
Rearview mirror automatically flips down when reversing	-	-	-	-
rear view mirror memory	-	-	-	-
Automatic anti-dazzle exterior rearview mirror	-	-	-	-
Automatic anti-dazzle interior rearview mirror	-	-	●	●
Rear side privacy glass	●	●	●	●
sun visor makeup mirror	● Main driving + lighting ● Co-pilot + lighting	● Main driving + lighting ● Co-pilot + lighting	● Main driving + lighting ● Co-pilot + lighting	● Main driving + lighting ● Co-pilot + lighting
rear wiper	●	●	●	●
Sensing wipers	-	-	-	-
Multimedia configuration	● Standard configuration ○ Optional - none			
Vehicle system name	DiLink	DiLink	DiLink	DiLink

Central control color screen	●	●	●	●
Screen operation mode	● Touch	● Touch	● Touch	● Touch
Central control screen size	12.8 inches 🖼	12.8 inches 🖼	12.8 inches	15.6 inches 🖼
screen rotation	●	●	●	●
satellite navigation system	●	●	●	●
Real-time traffic information display	●	●	●	●
Navigation map brand	● Gaode	● Gaode	● Gaode	● Gaode
Mobile phone interconnection/mapping	-	-	-	-
Internet of Vehicles	●	●	●	●
4G/5G network	● 4G	● 4G	● 4G	● 4G ● 5G
OTA remote online upgrade	●	●	●	●
Wi-Fi hotspot	●	●	●	●
roadside assistance call	-	-	-	-
Voice recognition control system	● multimedia system ● navigation ● Telephone ● air conditioner ● skylight	● multimedia system ● navigation ● Telephone ● air conditioner ● skylight	● multimedia system ● navigation ● Telephone ● air conditioner ● skylight	● multimedia system ● navigation ● Telephone ● air conditioner ● skylight
gesture control	-	-	-	-
Bluetooth/car phone	●	●	●	●
Central control LCD screen split screen display	-	-	-	-
car tv	-	-	-	-
rear LCD screen	-	-	-	-
Rear central control system	-	-	-	-
Interface Type	● USB ● 12V	● USB ● 12V	● USB ● 12V	● USB ● 12V
Number of USB/Type-C interfaces	before 2/after 2	before 2/after 2	before 2/after 2	before 2/after 2
CD/DVD	-	-	-	-
Speaker brand	-	-	-	Infinity Yan Feilishi
Number of speakers	6	9	9	10
Active noise reduction system	-	-	-	-
Mobile APP remote control	● door control ● Vehicle starts ● Charging management ● air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle location/finding ● Car owner service ● Make an appointment for maintenance/repair	● door control ● Vehicle starts ● Charging management ● air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle location/finding ● Car owner service ● Make an appointment for maintenance/repair	● door control ● Vehicle starts ● Charging management ● air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle location/finding ● Car owner service ● Make an appointment for maintenance/repair	● door control ● Vehicle starts ● Charging management ● air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle location/finding ● Car owner service ● Make an appointment for maintenance/repair
Optional package				
Optional package	-	-	-	-
Color configuration				
the color of car	● ● ● ● ● ○	● ● ● ● ● ○	● ● ● ● ● ○	● ● ● ● ● ○
interior color	◓	◓	◓	◓
Remark	-	-	-	-
Featured configuration				
Featured configuration	-	-	-	-