

	BYD Qin PLUS EV	BYD Qin PLUS EV	BYD Qin PLUS EV	BYD Qin PLUS EV
	Champion Leading 510km	Champion Transcendence 510km	Champion Excellent 510km	Champion Excellent 610km
Basic vehicle parameters				
Time to market :	2023-04	2023-04	2023-04	2023-04
Body form :	4-door, 5-seat sedan	4-door, 5-seat sedan	4-door, 5-seat sedan	4-door, 5-seat sedan
Length x width x height (mm) :	4765x1837x1515	4765x1837x1515	4765x1837x1515	4765x1837x1515
Wheelbase (mm) :	2718	2718	2718	2718
Power type:	pure electric	pure electric	pure electric	pure electric
Maximum vehicle power (kW):	100	100	100	150
Maximum torque of the vehicle (N-m):	180	180	180	250
Official maximum speed (km/h) :	130	130	130	150
Fast charging time (hours):	0,5	0,5	0,5	0,5
CLTC pure electric cruising range (km):	510	510	510	610
Body				
Length (mm) :	4765	4765	4765	4765
Width (mm) :	1837	1837	1837	1837
Height (mm) :	1515	1515	1515	1515
Wheelbase (mm) :	2718	2718	2718	2718
Number of doors (number) :	4	4	4	4
Number of seats (seats) :	5	5	5	5
Curb weight (kg) :	1657	1657	1657	1815
Approach angle (°) :	13	13	13	13
Departure angle (°) :	14	14	14	14
Electric motor				
CLTC pure electric cruising range (km):	510	510	510	610
Motor type:	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW):	100	100	100	150
Total motor torque (N-m):	180	180	180	250
Number of motors:	1	1	1	1
Motor layout:	prefix	prefix	prefix	prefix
Maximum power of front electric motor (kW):	100	100	100	150
Maximum torque of front electric motor (N-m):	180	180	180	250
Battery type:	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery capacity (kWh):	57,6	57,6	57,6	72
Electricity consumption per 100 kilometers (kWh/100km):	11,9	11,9	11,9	12,5
Chassis steering				
Drive mode :	Front wheel drive	Front wheel drive	Front wheel drive	Front wheel drive
Body structure :	load-bearing body	load-bearing body	load-bearing body	load-bearing body
Power steering :	electric assist	electric assist	electric assist	electric assist
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
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 handbrake	electronic handbrake	electronic handbrake	electronic handbrake
Front tire specifications :	215/55 R17	215/55 R17	215/55 R17	235/45 R18
Rear tire specifications :	215/55 R17	215/55 R17	215/55 R17	235/45 R18
Hub material :	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Spare tire specifications :	Tire repair tool only	Tire repair tool only	Tire repair tool only	Tire repair tool only
Safety equipment				
Main/passenger seat airbags :	Main●/Deputy●	Main●/Deputy●	Main●/Deputy●	Main●/Deputy●
Front/rear side airbags :	Before●/After-	Before●/After-	Before●/After-	Before●/After-
Front/rear head air curtain :	-	before●/after●	before●/after●	before●/after●
Tips for not wearing a seat belt :	●	●	●	●
ISO FIX child seat interface:	●	●	●	●
Tire pressure monitoring device :	●Tire pressure display	●Tire pressure display	●Tire pressure display	●Tire pressure display
Automatic anti-lock braking (ABS, etc.) :	●	●	●	●
Braking force distribution (EBD/CBC, etc.) :	●	●	●	●
Brake assist (EBA/BAS/BA, etc.) :	●	●	●	●
Traction control	●	●	●	●

(ASR/TCS/TRC, etc.) :	-	-	-	-
Body stability control	●	●	●	●
(ESP/DSC/VSC, etc.) :	-	-	-	-
Parallel assistance :	-	-	●	●
Lane departure warning system:	-	-	●	●
Lane Keeping Assist System:	-	-	●	●
Road traffic sign recognition:	-	-	●	●
Active braking/active safety system :	-	-	●	●
Automatic parking :	●	●	●	●
Hill assist :	●	●	●	●
Engine electronic anti-theft :	-	-	-	-
Central locking in the car :	●	●	●	●
Remote key :	●	●	●	●
Keyless start system :	●	●	●	●
Keyless entry system:	●	●	●	●
Body functions/configuration				
Skylight type:	-	●Electric sunroof	●Electric sunroof	●Electric sunroof
Remote start function:	●	●	●	●
In-car functions/configurations				
Steering wheel material:	●Leather	●Leather	●Leather	●Leather
Steering wheel position adjustment:	●up and down	●up and down	●up and down	●up and down
	●Before and after	●Before and after	●Before and after	●Before and after
Multifunctional steering wheel :	●	●	●	●
Front/rear reversing radar :	Front-/Back●	before●/after●	before●/after●	before●/after●
Driving assistance images:	●Reversing image	●360-degree panoramic image	●360-degree panoramic image	●360-degree panoramic image
Reverse side warning system:	-	-	●	●
Cruise system:	●Cruise speed	●Cruise speed	●Full-speed adaptive cruise ●Assisted driving level L2	●Full-speed adaptive cruise ●Assisted driving level L2
	●Standard/Comfortable	●Standard/Comfortable	●Standard/Comfortable	●Standard/Comfortable
Driving mode switching:	●Sports	●Sports	●Sports	●Sports
	●Snow	●Snow	●Snow	●Snow
	●Economy	●Economy	●Economy	●Economy
Independent power interface in the car :	●12V	●12V	●12V	●12V
Trip computer display :	●	●	●	●
Full LCD instrument panel:	-	-	-	●
LCD instrument size:	●8.8 inches	●8.8 inches	●8.8 inches	●8.8 inches
Built-in driving recorder:	-	-	●	●
Mobile phone wireless charging function:	-	-	●Front row	●Front row
Seat configuration				
Seat material :	●Imitation leather	●Imitation leather	●Imitation leather	●Imitation leather
Sports seats :	●	●	●	●
Main driver's seat adjustment direction:	●Front and back adjustment	●Front and back adjustment	●Front and back adjustment	●Front and back adjustment
	●Backrest adjustment	●Backrest adjustment	●Backrest adjustment	●Backrest adjustment
	●Height adjustment	●Height adjustment	●Height adjustment	●Height adjustment
Passenger seat adjustment direction :	●Front and back adjustment	●Front and back adjustment	●Front and back adjustment	●Front and back adjustment
	●Backrest adjustment	●Backrest adjustment	●Backrest adjustment	●Backrest adjustment
Main/passenger seat electric adjustment :	-	Main●/Deputy-	Main●/Deputy●	Main●/Deputy●
Front seat features:	-	-	-	●Heating
Second row seat functions:	-	-	-	●Heating
How to fold down the rear seats :	●Can be tilted down proportionally	●Can be tilted down proportionally	●Can be tilted down proportionally	●Can be tilted down proportionally
Front/rear seat center armrest :	before●/after●	before●/after●	before●/after●	before●/after●
Rear cup holders:	●	●	●	●
Multimedia configuration				
GPS navigation system :	●	●	●	●
Navigation traffic information display:	●	●	●	●
Center console LCD screen :	●Touch LCD screen	●Touch LCD screen	●Touch LCD screen	●Touch LCD screen
Center console LCD screen size:	●10.1 inches	●10.1 inches	●12.8 inches	●12.8 inches
Bluetooth/car phone :	●	●	●	●
Mobile phone interconnection/mapping:	●OTA upgrade	●OTA upgrade	●OTA upgrade	●OTA upgrade
voice control:	●Can control multimedia system	●Can control multimedia system	●Can control multimedia system	●Can control multimedia system
	●Controllable navigation	●Controllable navigation	●Controllable navigation	●Controllable navigation
	●Can control phone calls	●Can control phone calls	●Can control phone calls	●Can control phone calls
	●Controllable air conditioning	●Controllable air conditioning	●Controllable air conditioning	●Controllable air conditioning
Internet of Vehicles:	●	●	●	●

External audio source interface:	●USB	●USB	●USB	●USB
USB/Type-C interface:	●2 in the front row/2 in the back row	●2 in the front row/2 in the back row	●2 in the front row/2 in the back row	●2 in the front row/2 in the back row
Number of speaker speakers (pieces) :	●4 speakers	●6 speakers	●6 speakers	●10 speakers
Lighting configuration				
Low beam light source:	●LED	●LED	●LED	●LED
High beam light source:	●LED	●LED	●LED	●LED
Daytime running lights :	●	●	●	●
Adaptive high and low beam:	-	-	●	●
Automatic opening and closing of headlights :	●	●	●	●
Headlight height adjustable :	●	●	●	●
Interior ambient lighting :	-	-	●Multicolor	●Multicolor
Car windows and rearview mirrors				
Front/rear power windows :	before●/after●	before●/after●	before●/after●	before●/after●
One-key window lifting function :	-	●The whole car	●The whole car	●The whole car
Window anti-pinch function :	●	●	●	●
Exterior rearview mirror functions:	●Electric adjustment	●Electric adjustment	●Electric adjustment	●Electric adjustment
	●Heated rearview mirrors	●Electric folding	●Electric folding	●Electric folding
		●Heated rearview mirrors ●Automatic folding when locking the car	●Heated rearview mirrors ●Automatic folding when locking the car	●Heated rearview mirrors ●Automatic folding when locking the car
Interior rearview mirror functions:	●Manual anti-dazzle	●Manual anti-dazzle	●Manual anti-dazzle	●Manual anti-dazzle
Car vanity mirror:	●Main driver's seat	●Main driver's seat	●Main driver's seat	●Main driver's seat
	●Co-pilot's seat	●Co-pilot's seat	●Co-pilot's seat	●Co-pilot's seat
Air conditioner/refrigerator				
Air conditioning temperature control method :	●Automatic air conditioning	●Automatic air conditioning	●Automatic air conditioning	●Automatic air conditioning
Temperature zone control :	●	●	●	●
Rear air outlet :	●	●	●	●
Car air purifier:	-	-	●	●
PM2.5 filtering or pollen filtering:	●	●	●	●