

EBU AUTO

BYD Qin PLUS EV 2023 Champion Edition 420 km Leading

2021-2025 BYD Qin PLUS EV | Pure Electric / EV | Compact Sedan

Item	Value
Official Guide Price	RMB 129,800
USD Reference Price	USD 19,088
Drive	Front-mountedFWD
Range	-
Battery	48
Motor Power	100
Transmission	Single-speed EV transmission
Body	Sedan

Basic Information

Parameter	Value
Official Guide Price	12.98
Manufacturer	BYD
Segment	Compact car
Energy Type	Pure electric
Launch Time	2023.04
Motor Description	Pure electric 136 hp
Range (km)	420
Range (km)CLTC	420
Charging	30 min
Fast Charging Window (%)	30-80
Maximum Power (kW)	100(136Ps)
Maximum Torque (N·m)	180
Transmission	Single-speed EV transmission
Length x Width x Height (mm)	4765x1837x1515
Body Structure	45Sedan
Maximum Speed (km/h)	130
0—50km/h (s)	5.5
Official 0-100 km/h Acceleration (s)	-
Electricity Consumption (kWh/100 km)	11.6
Electric Energy Equivalent Fuel Consumption (L/100 km)	1.31
Vehicle Warranty	615
6	3819.0

Body

Parameter	Value
(mm)	4765
(mm)	1837

Parameter	Value
(mm)	1515
Wheelbase (mm)	2718
Front Track (mm)	1580
Rear Track (mm)	1580
Minimum (mm)	-
Body Structure	Sedan
Number of Doors	4
Door	Conventional hinged doors
Number of Seats	5
Curb Weight (kg)	1586
Gross Vehicle Weight (kg)	1961
Trunk Capacity (L)	441
Minimum	5.5m

Electric Motor

Parameter	Value
Motor	Pure electric 136 hp
Type	Permanent magnet / synchronous
Total Motor Power (kW)	100
Total Motor Horsepower (Ps)	136
Total Motor Torque (N-m)	180
Front Motor Maximum Power (kW)	100
Front Motor Maximum Torque (N-m)	180
Number of Drive Motors	Single motor
Motor Layout	Front-mounted

Battery / Charging

Parameter	Value
Battery Type	LFP battery
Battery Technology	Blade battery
Battery Cell Brand	BYD
Battery Pack Warranty	()
Battery Capacity (kWh)	48
Battery Energy Density (Wh/kg)	-
Battery Charging	-
Battery Charging	30 min; •
Battery Charging Charging	30 min
Battery Charging	•
Maximum Power (kw)	60
DC Charging Port Position	-
DC Charging Port Position (Right side fuel filler)	-
AC Charging Port Position	-
AC Charging Port Position (Right side fuel filler)	-

Parameter	Value
Battery System	● Standard
Battery System	Liquid cooling
One-pedal Mode	● Standard
VTOLFunction	● Standard
VTOLMaximum Power	3.3kW
VTOVMaximum Power	-

Transmission

Parameter	Value
Transmission Description	Single-speed EV transmission
Number of Gears	1
Transmission Type	Single-speed gearbox

Chassis / Steering

Parameter	Value
Drive Type	Front-mountedFWD
Front	MacPherson independent suspension
Rear	Multi-link independent suspension
Type	Electric power steering
Vehicle Body Structure	Unibody

Wheels / Brakes & Features

Parameter	Value
Front Brake Type	Ventilated disc
Rear Brake Type	Disc
Parking Brake Type	Electronic parking
Front Tire Size	215/55 R17
Rear Tire Size	215/55 R17
Spare Tire Specification	-
Active Safety	-
ABS	● Standard
(EBD/CBC)	● Standard
Assist (EBA/BA)	● Standard
Control (TCS/ASR)	● Standard
Body System (ESP/DSC)	● Standard
System	-
System	-
System Front	-
System Rear	-
System	-
System DOW	-
System Front	-
System Front	-

Parameter	Value
Autonomous Emergency Braking	-
Assist	-
Assist System	-
Lane Centering	-
Driving	-
DMS	-
In-cabin Vital Signs Detection	-
Traffic Sign Recognition	-
Traffic Light Recognition	-
System	-
Passive Safety	-
Front Airbag	• Driver seat; • Passenger seat
Front Airbag Driving	• Driver seat
Front Airbag Driving	• Passenger seat
Airbag	• Front row
Airbag Front	• Front row
Side Curtain Airbags	-
Front Airbag	-
Airbag	-
Seat Belt Reminder	● Standard
System	Tire pressure display
Seat (ISOFIX)	● Standard
Pedestrian Protection	-
Tire	-
Assist /Feature	-
Radar	•
Radar Front	-
Radar Rear	•
Front	-
Assist	-
Driving Assist Camera View	• Reverse camera
Driving Assist Camera View Camera View	• Reverse camera
Driving Assist Camera View 360°Camera View	-
Cruise System	• Cruise control
Cruise System Cruise	• Cruise control
Cruise System Cruise	-
Cruise System Cruise	-
Automatic Assist	-
Automatic ■■	-
Assist Driving	-
Assist Driving	-
Assist Driving	-
Automatic	-

Parameter	Value
Reverse Track Assist	-
Memory Parking	-
Automatic	-
Automatic (AUTOHOLD)	● Standard
Assist (HAC)	● Standard
(HDC)	-
Adjustable Suspension	-
Air Suspension	-
Type	-
Electromagnetic Suspension	-
System	-
Front	-
Rear	-
Function	-
System	-
Driving	•; •; • ECO; •
Driving	•
Driving	•
Driving ECO/	• ECO
Driving	•
System	● Standard
Comfort Brake	● Standard
Low-speed Acoustic Alert	● Standard
Feature	-
Sunroof Type	-
Sunroof Type Sunroof	-
Intelligent	-
Roof Rails	-
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutter	-
Alloy Wheels	● Standard
Door	-
Hidden Door Handles	-
Tow Hook	-
Feature	-
Steering Wheel Material	•
Steering Wheel Material	•
Steering Wheel Material	-
Steering Wheel	+
Steering Wheel	-
Steering Wheel Function	•
Steering Wheel Function Function Control	•

Parameter	Value
Gear Selector Type	•
Gear Selector Type (Electronic column shifter)	-
Gear Selector Type (Electronic gear lever)	•
Gear Selector Type (Electronic rotary knob)	-
Instrument Cluster Style	Full LCD
Size ()	• 8.8
Size ()	-
Size () 3.5	-
Size () 5	-
Size () 8.8	• 8.8
/Feature	-
Soft-close Doors	-
Rear	-
Rear	-
Rear	-
Central Lock	● Standard
Key Type	• Remote key; • Bluetooth key; • NFC/RFID key
Key Type Intelligent Key	• Remote key
Key Type Key	• Bluetooth key
Key Type NFC/RFIDKey	• NFC/RFID key
Key	Front row
Key	● Standard
Remote	● Standard
Remote Vehicle Move	● Standard
Function	-
System (HUD)	-
Built-in Driving Recorder	-
ETC	-
Active Noise Cancellation	-
Charging	-
Charging Maximum Power (W)	-
Charging Maximum Power (W) 15	-
110V/220V/230V	-
12V	-
Seat Feature	-
Seat Material	Synthetic leather
Seat	● Standard
Seat	-
Seat	-
Seat Driving	-
Seat Driving	-
Rear Seat	-
Seat	•; •; •

Parameter	Value
Seat Front Rear	•
Seat	•
Seat	•
Seat	-
Seat	-
Seat	•;•
Seat Front Rear	•
Seat	•
Seat	-
Seat	-
Seat	-
Seat	-
Front Seat Function	-
Front Seat Function	-
Front Seat Function (Driving)	-
Seat Function	-
Seat Function	-
Boss Button	-
Front /Rear	• Front row; •
Front /Rear Front	• Front row
Front /Rear Rear	•
Rear	● Standard
/	-
Rear Seat	40:60
Second-row Tray Table	-
Intelligent	-
Size ()	10.1
Material	-
Material LCD	-
/	● Standard
System	● Standard
AR	-
Navigation Traffic Information Display	● Standard
Map	•
Map	-
Map	-
Map	•
Roadside Assistance Service	-
/	● Standard
Smartphone Connectivity / Mirroring	-
Connected Vehicle	● Standard
4G/5G	• 4G
4G/5G 4G	• 4G

Parameter	Value
4G/5G 5G	-
OTA	● Standard
Face Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Control System	● Standard
Function	-
Function	•
Function	-
Function	•
Continuous Voice Recognition	-
Visible-to-speak Function	-
Voice Assistant Wake-up Words	Hi, Di
Control Function	-
Wi-Fi	● Standard
Audio / Video Entertainment	-
Multi-finger Screen Transfer Control	-
App Store	● Standard
Multimedia Interface	• USB/Type-C
SD	-
USB/Type-C	• USB/Type-C
USB/Type-CQuantity	• Front row2; • 2
USB/Type-CQuantity Front 2	• Front row2
USB/Type-CQuantity Rear 2	• 2
USB/Type-CMaximum Charging Power	Front row10W; 10W
USB/Type-CMaximum Charging Power Front 18W	-
USB/Type-CMaximum Charging Power Rear 18W	-
USB/Type-CMaximum Charging Power Front 10W	Front row10W
USB/Type-CMaximum Charging Power Rear 10W	10W
In-car TV	-
Rear	-
Simulated Sound	-
KFunction	-
Audio Brand	-
Quantity ()	4
Rear Control	-
Feature	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	● Standard
Adaptive High / Low Beam	-
Automatic	● Standard

Parameter	Value
Assist	-
Front	-
(AFS)	-
Headlight Height Adjustment	● Standard
Function	-
Interior Ambient Lighting	-
Active Ambient Lighting	-
Function	-
Light Projection Technology	-
Headlight Delay-off	● Standard
Front	-
/Rear	-
Power Windows	• Front row; •
Front	• Front row
Rear	•
One-touch Window Operation	-
Function	-
Rear Function	•; •
Rear Function	•
Rear Function	•
Rear Function	-
Rear Function Automatic	-
Rear Function	-
Interior Vanity Mirror	• Driver seat+; • Passenger seat+
Driving +	• Driver seat+
Driving +	• Passenger seat+
Rear	-
Interior Sunshade	-
Rain-sensing Wipers	-
Rear	-
Multi-layer Soundproof Glass	-
Front	-
Heated Washer Nozzles	-
/	-
Control	Automatic
Rear	-
Rear	● Standard
Control	•
Control	•
In-car Air Purifier	-
PM2.5	● Standard
Negative Ion Generator	-
Interior Fragrance System	-

Parameter	Value
AQSSystem	-
In-car Refrigerator	-
Function	-

Intelligent Features

Parameter	Value
Assist Driving System	-
Assist Driving System DiPilot 100	-
Assist Driving System DiPilot	-
Assist Driving	-
Assist Driving NVIDIA DRIVE Orin N	-
Assist Driving (TOPS)	-
Assist Driving (TOPS) 84	-
Intelligent System	• DiLink
Intelligent System DiLink	• DiLink
Intelligent	-
Intelligent D100	-
System (GB)	• 4
System (GB) 4	• 4
System (GB) 6	-
System (GB) 8	-
System (GB)	• 16
System (GB) 16	• 16
System (GB) 64	-
System (GB) 256	-
AppRemote Control	•;•;•;•;•
AppRemote Control Key	•
AppRemote Control	•
AppRemote Control Remote Control	•
AppRemote Control Charging	•
AppRemote Control	•
System	● Standard
Front Maximum (m)	-
Front Maximum (m) 350	-
Camera Quantity ()	1
Camera	-
Camera 800*3	-
Camera	-
Radar Quantity ()	4
Radar Quantity ()	-
System	-
Map	-
■	-

Parameter	Value
V2X	-
Optional Package	-
Custom Options	Optional exterior, interior, wheels and brakes
Feature	-
Pad	-
Pad	-