

Parameter configuration	BYD e2 23 405km comfort	BYD e2 23 405km luxury	
Basic information			
Manufacturer	BYD new energy	BYD new energy	
Level	Compact car	Compact car	
Energy type	Pure electric	Pure electric	
Time to market		06/04/2023	06/04/2023
CLTC pure electric life[km]	Four hundred five	Four hundred five	
Fast charge time[h]	0.5	0.5	
Fast charge amount[%]	30-80	30-80	
Motor[Ps]	Ninety five	Ninety five	
Gearbox	1 gear fixed gear ratio	1 gear fixed gear ratio	
Length*width*height[mm]	4260*1760*1530	4260*1760*1530	
Body structure	5-Door 5-seater hatchback	5-Door 5-seater hatchback	
Maximum speed[km/h]		130	130
Vehicle warranty	6 years or 15 million km	6 years or 15 million km	
Exterior color			
Interior color			
Body			
Length[mm]		4260	4260
Width[mm]		1760	1760
Height[mm]	One thousand five hundred thirty	One thousand five hundred thirty	
Wheelbase[mm]		2610	2610
Front track[mm]		1490	1490
Rear track[mm]	One thousand four hundred seventy	One thousand four hundred seventy	
Door open mode	Door	Door	
Doors number	Five	Five	
Number of seats	Five	Five	
Approach angle[°]		14	14
Departure angle[°]		21	21
Minimum turning radius[m]	5.4	5.4	
Quality of preparation [kg]		1340	1340
Full load mass [kg]		1715	1715
motor			
Number of driving motors	Single motor	Single motor	
Motor layout	Preface	Preface	
Type of motor	Permanent magnet synchronization	Permanent magnet synchronization	
Total motor power [kW]		70	70
Total horsepower of motor	Ninety five	Ninety five	
Total torque of motor		180	180

Maximum power of front motor [kW]		70	70
Maximum torque of front motor [N·m]		180	180
Battery/Supplement to			
Battery type	Lithium iron phosphate battery	Lithium iron phosphate battery	
Cell brand	Ferdi	Ferdi	
Battery preheating	•	•	
CLTC pure battery life [km]		405	405
Battery power [kWh]	43.2	43.2	
Power consumption of 100km [kWh/100km]	10.3	10.3	
Vehicle charging port	<ul style="list-style-type: none"> • Slow filling • Fill the mouth quickly 	<ul style="list-style-type: none"> • Slow filling • Fill the mouth quickly 	
Slow charge port location	• Car head	• Car head	
Fast-charge port location	• Car head	• Car head	
Fast Charge Power[kW]		40	40
Fast charge time[min]	Thirty	Thirty	
Fast charge time[h]	0.5	0.5	
Fast charge amount[%]	30-80	30-80	
Slow charging power[kW]	6.6	6.6	
Vehicles for electric	-	-	
Home charging pile	•	•	
With a car charging gun	-	-	
External discharge function	•	•	
External discharge power	• 3.3 kW	• 3.3 kW	
The first owner of the battery pack warranty	Unlimited years/unlimited mileage(exclusion of liability clause in an official date)	Unlimited years/unlimited mileage(exclusion of liability clause in an official date)	
Gearbox			
Gearbox description	The electric car is a single-speed gearbox	The electric car is a single-speed gearbox	
Gearbox type	Fixed gear ratio	Fixed gear ratio	
Gear number	One	One	
Chassis steering			
Drive form	Front-engine, front drive	Front-engine, front drive	
Four-wheel drive form	-	-	
Center differential structure	-	-	

Front suspension type	McPherson independent suspension	McPherson independent suspension
Rear suspension type	Torsion beam non-independent suspension	Torsion beam non-independent suspension
Power type	Electric power	Electric power
Adjustable suspension function	-	-
Adjustable suspension type	-	-
Vehicle body structure	Bearing type	Bearing type
Limited slip differential	-	-
Differential lock	-	-
Wheel brake		
Front brake type	• Ventilated disc	• Ventilated disc
Rear brake type	• Disc	• Disc
Parking brake type	Electronic Parking	Electronic Parking
Front tire specifications	• 205/60 R16	• 205/60 R16
Rear tire specifications	• 205/60 R16	• 205/60 R16
Spare wheel	• Only tire repair tools	• Only tire repair tools
The spare wheel is placed	-	-
Active safety		
ABS anti-lock	•	•
Brake force distribution(EBD/CBC, etc.)	•	•
Brake assist(BA/EBA/BAS, etc.)	•	•
Traction control(ASR/TCS/TRC, etc.)	•	•
Body stability control(ESP/DSC/VSC, etc.)	•	•
Belt is not based reminders	• Main drive	• Main drive
Tire pressure monitor	• Tire pressure alarm	• Tire pressure alarm
Passive safety		
The main driver airbag	•	•
Passenger airbag	•	•
The first row side airbag	-	-
Second row side airbag	-	-
Side curtain airbags	-	-
Knee airbag	-	-
Front passenger seat cushion airbag	-	-
Rear seat belt airbags	-	-
Rear seat anti-slipped airbag	-	-

The Central airbag	-	-
The second row of the forward airbag	-	-
Child seat interface	•	•
Passive pedestrian protection	-	-
The lack of gas tire	-	-
Assist/control configuration		
Front Parking radar	-	-
Rear Parking radar	•	•
Astern side warning system	-	-
Open the door collision warning	-	-
Driving aid image	Video of reversing	Video of reversing
Chassis perspective	-	-
Cruise control system	• Cruise control • Exercise	• Cruise control • Exercise
Driving mode selection	• Economy • Snow	• Economy • Snow
Fatigue warning	-	-
self-parking	-	-
Remote control parking	-	-
Remote call	-	-
Engine start-stop	-	-
Automatic parking	•	•
Uphill aid	•	•
A steep descent	-	-
Night vision system	-	-
Variable steering ratio	-	-
Integral active steering system	-	-
Wading sensing system	-	-
Driver assistance features		
And the line auxiliary(BSM/BSD)	-	-
Lane Departure Warning(LDWS)	-	-
Lane-keeping(LKAS)	-	-
Lane centering maintain	-	-
Road traffic signs recognition	-	-
Forward collision warning	-	-
Rear collision warning	-	-
Active Brake	-	-
Auto lane change assist	-	-
Reverse tracking	-	-
Auxiliary driving hardware		
Driving assistance level	-	-

Ultrasonic radar	• After 4	• After 4
Circumferential camera	-	-
In-car camera	-	-
External configuration		
Skylight type	-	-
Sports appearance kit	-	-
Electric spoiler	-	-
Rim material	• Steel	• Aluminum alloy
Electrical suction door	-	-
Automatic opening and closing of the door	-	-
Frameless door	-	-
Side sliding door	-	-
Roof rack	•	•
	• The remote control key	• The remote control key
Key type	• Bluetooth key	• Bluetooth key
	• NFC/RFID钥匙	• NFC/RFID钥匙
Keyless start	•	•
Keyless entry	•	•
Hidden electric door handle	-	-
Active closed grille	-	-
The Luggage compartment to open the way with the function	-	-
The rear door glass to separate open	-	-
Car side foot pedal	-	-
Low-speed driving warning tone	•	•
Internal configuration		
Steering wheel material	• Plastic	• Cortex
Steering wheel adjustment	• Manually adjusted up and down	• Manually adjusted up and down
The shift in the form	Electronic gear the shift	Electronic gear the shift
Multifunction steering wheel	•	•
Steering wheel shift	-	-
Steering wheel heater	-	-
Trip computer display	• Color	• Color
Full LCD dashboard	-	-
Dashboard screen size	• 8.8	• 8.8
HUD head-up display	-	-
Built-in car DVR	-	•
Mobile phone wireless charging	-	-
ETC device	-	-

Active noise reduction	-	-
Power adjustable pedals	-	-
Seat configuration		
Seat material	<ul style="list-style-type: none"> • Fabric 	<ul style="list-style-type: none"> • Faux leather
Sport style seat	-	-
The main driving seat electric adjustment	-	-
Front passenger seat electric adjustment	-	-
	<ul style="list-style-type: none"> • Front and rear adjustment 	<ul style="list-style-type: none"> • Front and rear adjustment
The main driving seat adjustment mode	<ul style="list-style-type: none"> • Backrest adjustment • Height adjustment(2) • Front and rear adjustment 	<ul style="list-style-type: none"> • Backrest adjustment • Height adjustment(2) • Front and rear adjustment
Front passenger seat adjustment mode	<ul style="list-style-type: none"> • Backrest adjustment 	<ul style="list-style-type: none"> • Backrest adjustment
The first row of seats features	-	-
Boss Key	-	-
The second row of seats electric adjustment	-	-
The second-row seat adjustment	-	-
The second-row seat feature	-	-
Center armrest	<ul style="list-style-type: none"> • The first row 	<ul style="list-style-type: none"> • The first row
Seat layout	<ul style="list-style-type: none"> • 2+3 	<ul style="list-style-type: none"> • 2+3
The rear seats recline way	<ul style="list-style-type: none"> • Overall tipped 	<ul style="list-style-type: none"> • Overall tipped
Rear seats power recline	-	-
Rear Cup holder	-	-
Heating/cooling Cup holder	-	-
Rear folding Board	-	-
Car Machine/Internet		
Control color screen	<ul style="list-style-type: none"> • Touch the LCD screen 	<ul style="list-style-type: none"> • Touch the LCD screen
In the control screen size	<ul style="list-style-type: none"> • 10.1 	<ul style="list-style-type: none"> • 12.8
The Deputy driving the screen	-	-
Car system	DiLink	DiLink
Car network	<ul style="list-style-type: none"> • 4G 	<ul style="list-style-type: none"> • 4G
OTA upgrade	<ul style="list-style-type: none"> • Car OTA 	<ul style="list-style-type: none"> • Car OTA
Car WiFi function	<ul style="list-style-type: none"> • WiFi connection • WiFi hotspot 	<ul style="list-style-type: none"> • WiFi connection • WiFi hotspot
Car navigation maps	<ul style="list-style-type: none"> • High de 	<ul style="list-style-type: none"> • High de
V2X communication	-	-

Roadside assistance call	-	-
Bluetooth car phone	•	•
Mobile Internet/mapping	-	-
Voice assistant Wake-up word	• Hello, little Di	• Hello, little Di
Speech recognition control function	• Intelligent voice control	• Intelligent voice control
Gesture control	-	-
Facial recognition	-	-
Remote control function	• Door control	• Door control
	• Vehicle to start	• Vehicle to start
	• Air conditioning control	• Air conditioning control
Entertainment		
In-vehicle apps market	•	•
Car CD/DVD	-	-
Multimedia/charging interface	• USB	• USB
USB/Type-C ports quantity	• Front-row 1	• Front-Row 2
Rear control multimedia	-	-
Cockpit 220V/230V power supply	-	-
Luggage compartment power supply interface	-	-
Audio brand	-	-
Speaker number	• 4	• 4
Audio audition	• 4	• 4
Light function		
Low beam light source	• Halogen	• LED
High-beam light source	• Halogen	• LED
Lighting features	-	-
LED daytime running lights	-	•
Headlight function	• Height adjustment	• Height adjustment
	• Automatic opening and closing	• Automatic opening and closing
	• Delay off	• Delay off
Steering assist lamp	-	-
Front fog lights	-	-
Headlight washer system	-	-
Car inside atmosphere lamp	-	-
Glass/mirrors		
The first row power Windows	•	•
Second-row power Windows	•	•

The window is a button lift	-	-
Window anti-pinch hand function	-	-
Multi-layer insulation glass	-	-
Outside mirror functions	<ul style="list-style-type: none"> • Electric adjustment • Rearview mirror heating 	<ul style="list-style-type: none"> • Electric adjustment • Rearview mirror heating
Interior features	<ul style="list-style-type: none"> • Manual anti-glare 	<ul style="list-style-type: none"> • Manual anti-glare
Rear side privacy glass	-	-
Rear side sunshade	-	-
The rear windshield sunshade	-	-
Car internalization makeup mirror	<ul style="list-style-type: none"> • The main driving • Copilot 	<ul style="list-style-type: none"> • The main driving • Copilot
Sensing wipers function	-	-
Rear wiper	-	-
Heated spray nozzle	-	-
Air conditioning/refrigeration		
The first evacuation tone	<ul style="list-style-type: none"> • Single-zone automatic air conditioning 	<ul style="list-style-type: none"> • Single-zone automatic air conditioning
The second evacuation tone	-	-
Third evacuation tone	-	-
Heat pump air conditioning	•	•
Air quality monitoring	-	-
PM2.5 filter device in car	•	•
Car air purifier	-	-
Anion generator	-	-
Fragrance system	-	-
Car refrigerator	-	-