

Parameter configuration	Byd D1 22 models 418km comfortable version	Byd D1 22 models 418km standard version
Basic information		
Manufacturer	BYD new energy	BYD new energy
Level	Compact MPV	Compact MPV
Energy type	Pure electric	Pure electric
Time to market	25/04/2022	03/11/2022
NEDC pure electric life[km]	418	418
Fast charge time[h]	0.5	0.58
Fast charge amount[%]	30-80	30-80
Motor[Ps]	One hundred thirty six	One hundred thirty six
Gearbox	1 gear fixed gear ratio	1 gear fixed gear ratio
Length*width*height[mm]	4390*1850*1650	4390*1850*1650
Body structure	Five-door, five-seat MPV	Five-door, five-seat MPV
Maximum speed[km/h]	130	130
Vehicle warranty	2 years or 100,000 kilometers	2 years or 100,000 kilometers
Exterior color		
Interior color		
Body		
Length[mm]	4390	4390
Width[mm]	1850	1850
Height[mm]	1650	1650
Wheelbase[mm]	2800	2800
Front track[mm]	1590	1590
Rear track[mm]	1590	1590
Doors number	Five	Five
Number of seats	Five	Five
Approach angle[°]		15
Departure angle[°]	Eighteen	Eighteen
Minimum turning radius[m]	5.6	5.6
Quality of preparation [kg]	One thousand six hundred forty	One thousand six hundred forty
Full load mass [kg]	Two thousand fifteen	Two thousand fifteen
Motor[Ps]		
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]	One hundred	One hundred
Total horsepower of motor	One hundred thirty six	One hundred thirty six
Total torque of motor	180	180
Maximum power of front motor [kW]	One hundred	One hundred
Maximum torque of front motor [N·m]	180	180

Reference/Supplement to

Battery type	Lithium iron phosphate battery	Lithium iron phosphate battery	
Batteries brands	BYD	BYD	
Battery pre-heating	•	•	
NEDC pure electric life[km]		418	418
Battery power [kWh]	53.6	53.6	
Battery energy density [Wh/kg]	-	One hundred forty	
Power consumption of 100km [kWh/100km]	12.3	12.3	
The vehicle charge port	• Fast-charge port	• Fast-charge port	
Fast charge time[h]	0.5	0.58	
Fast charge amount[%]	30-80	30-80	
Vehicles for electric	-	-	
Home charging pile	-	-	
With a car charging gun	-	-	
External discharge function	-	-	
Battery pack warranty	6 years or 60 million km	8 years or 15 million km	
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	<ul style="list-style-type: none"> <li>• 195/60 R16</li> </ul>	<ul style="list-style-type: none"> <li>• 195/60 R16</li> </ul>
Rear tire specifications	<ul style="list-style-type: none"> <li>• 195/60 R16</li> </ul>	<ul style="list-style-type: none"> <li>• 195/60 R16</li> </ul>
Spare wheel	<ul style="list-style-type: none"> <li>• No spare tire</li> </ul>	<ul style="list-style-type: none"> <li>• No spare tire</li> </ul>
The spare wheel is placed	-	-
Active safety		
ABS anti-lock	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Brake force distribution(EBD/CBC, etc.)	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Brake assist(BA/EBA/BAS, etc.)	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Traction control(ASR/TCS/TRC, etc.)	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Body stability control(ESP/DSC/VSC, etc.)	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Belt is not based reminders	<ul style="list-style-type: none"> <li>• The whole car</li> </ul>	<ul style="list-style-type: none"> <li>• The whole car</li> </ul>
Tire pressure monitor	<ul style="list-style-type: none"> <li>• Tire pressure alarm</li> </ul>	<ul style="list-style-type: none"> <li>• Tire pressure alarm</li> </ul>
Passive safety		
The main driver airbag	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Passenger airbag	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
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	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Passive pedestrian protection	-	-
The lack of gas tire	-	-
Assist/control configuration		
Front Parking radar	-	-
Rear Parking radar	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Reverse side warning system	-	-
Open the door collision warning	-	-
Driving aid image	Video of reversing	Video of reversing
Chassis perspective	-	-
Cruise control system	-	-
Driving mode selection	<ul style="list-style-type: none"> <li>• Exercise</li> <li>• Economy</li> </ul>	<ul style="list-style-type: none"> <li>• Exercise</li> <li>• Economy</li> </ul>

	● Snow	● 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	-	-
The ramp automatically exits/enters	-	-
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	● Aluminum alloy	● Aluminum alloy
Electrical suction door	-	-
Automatic opening and closing of the door	-	-
Frameless door	-	-
Side sliding door	● Right electric	● Right electric
Roof rack	-	-
Key type	● The remote control key	● The remote control key
Keyless start	●	●
Keyless entry	● Main drive	● Main drive
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	•	•
Sentinel(clairvoyance)mode	-	-
Internal configuration		
Steering wheel material	• Plastic	• Plastic
Steering wheel adjustment	• Manually up and down+front and rear adjustment	• Manually up and down+front and rear adjustment
The shift in the form	-	Electronic knob shift
Multifunction steering wheel	•	•
Steering wheel shift	-	-
Steering wheel heater	-	-
Trip computer display	• Color	• Color
Full LCD dashboard	-	-
Dashboard screen size	-	• 2
HUD head-up display	-	-
Built-in car DVR	•	•
Mobile phone wireless charging	-	-
ETC device	-	-
Active noise reduction	-	-
Power adjustable pedals	-	-
Single pedal mode	•	•
Seat configuration		
Seat material	• Faux leather	• Faux leather
Sport style seat	-	-
The main driving seat electric adjustment	-	-
Front passenger seat electric adjustment	-	-
	• Front and rear adjustment	• Front and rear adjustment
	• Backrest adjustment	• Backrest adjustment
The main driving seat adjustment mode	• Height adjustment(2)	• Height adjustment(2)
	• Lumbar adjustment(4-Way)	• Lumbar adjustment(4-Way)
	• Front and rear adjustment	• Front and rear adjustment

Front passenger seat adjustment mode	<ul style="list-style-type: none"> <li>• Backrest adjustment</li> </ul>	<ul style="list-style-type: none"> <li>• Backrest adjustment</li> </ul>
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	<ul style="list-style-type: none"> <li>• Heating</li> </ul>	-
Center armrest	<ul style="list-style-type: none"> <li>• The first row</li> </ul>	<ul style="list-style-type: none"> <li>• The first row</li> </ul>
Seat layout	-	-
The rear seats recline way	-	-
Rear seats power recline	-	-
Rear Cup holder	<ul style="list-style-type: none"> <li>• Second row</li> </ul>	<ul style="list-style-type: none"> <li>• Second row</li> </ul>
Heating/cooling Cup holder	-	-
Rear folding Board	-	-
Car Machine/Internet		
Control color screen	<ul style="list-style-type: none"> <li>• Touch the LCD screen</li> </ul>	<ul style="list-style-type: none"> <li>• Touch the LCD screen</li> </ul>
In the control screen size	<ul style="list-style-type: none"> <li>• 10.1</li> </ul>	<ul style="list-style-type: none"> <li>• 10.1</li> </ul>
The Deputy driving the screen	-	-
Car network	-	<ul style="list-style-type: none"> <li>• 4G</li> </ul>
OTA upgrade	<ul style="list-style-type: none"> <li>• Car OTA</li> </ul>	<ul style="list-style-type: none"> <li>• Car OTA</li> </ul>
Car WiFi function	<ul style="list-style-type: none"> <li>• WiFi hotspot</li> </ul>	<ul style="list-style-type: none"> <li>• WiFi hotspot</li> </ul>
Car navigation maps	<ul style="list-style-type: none"> <li>• Original factory</li> </ul>	<ul style="list-style-type: none"> <li>• Original factory</li> </ul>
V2X communication	-	-
Roadside assistance call	-	-
Bluetooth car phone	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Mobile Internet/mapping	-	-
Voice assistant Wake-up word	<ul style="list-style-type: none"> <li>• Hello, little Di</li> </ul>	<ul style="list-style-type: none"> <li>• Hello, little Di</li> </ul>
	<ul style="list-style-type: none"> <li>• Intelligent voice control</li> </ul>	<ul style="list-style-type: none"> <li>• Intelligent voice control</li> </ul>
Speech recognition control function	<ul style="list-style-type: none"> <li>• Multimedia system</li> </ul>	<ul style="list-style-type: none"> <li>• Multimedia system</li> </ul>
	<ul style="list-style-type: none"> <li>• Telephone</li> </ul>	<ul style="list-style-type: none"> <li>• Telephone</li> </ul>
Gesture control	-	-
Facial recognition	-	-
Remote control function	<ul style="list-style-type: none"> <li>• Vehicle to start</li> </ul>	-
Entertainment		
In-vehicle apps market	-	-
Car CD/DVD	-	-
Multimedia/charging interface	<ul style="list-style-type: none"> <li>• USB</li> </ul>	<ul style="list-style-type: none"> <li>• USB</li> </ul>
USB/Type-C ports quantity	<ul style="list-style-type: none"> <li>• Front 3/rear 2</li> </ul>	<ul style="list-style-type: none"> <li>• Front 2/rear 2</li> </ul>
Rear control multimedia	-	-

Rear multimedia screen number	-	-
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	• Halogen
High-beam light source	• Halogen	• Halogen
Lighting features	-	-
LED daytime running lights	•	•
	• Height adjustment	• Height adjustment
Headlight function	• 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	-	-
	• Electric adjustment	• Electric adjustment
Outside mirror functions	• Rearview mirror heating	• Rearview mirror heating
	• Manual anti-glare	• Manual anti-glare
Rear side privacy glass	-	-
Rear side sunshade	-	-
The rear windshield sunshade	-	-
Car internalization makeup mirror	• Copilot	• Copilot
Sensing wipers function	-	-
Rear wiper	-	-
Heated spray nozzle	-	-
Air conditioning/refrigeration		

The first evacuation tone	• Single-zone automatic air conditioning	• Single-zone automatic air conditioning
The second evacuation tone	• Outlet	• Outlet
Third evacuation tone	-	-
PM2.5 filter device in car	-	-
Car air purifier	-	-
Anion generator	-	-
Fragrance system	-	-
Car refrigerator	-	-