

## BYD Sealion 06



# BYD Sealion 06

## Basic information

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
Body level	Mid-size SUV	Mid-size SUV	Mid-size SUV
Length*Width*Height(mm)	4810*1920*1675	4810*1920*1675	4810*1920*1675
Energy type	Pure electric	Pure electric	Pure electric
CLTC pure electric range (km)	520	605	605
Total motor power (kW)	170	180	180
Total torque of the motor (N·m)	330	330	330
Maximum speed (km/h)	185	185	185
0-100km/h acceleration (s)	7.5	7.7	7.7
Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery capacity (kWh)	65.28	78.72	78.72
Fast charging time (h)	0.3	0.3	0.3
Fast charging capacity (%)	30-80	30-80	30-80

## CAR BODY

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
Length (mm)	4810	4810	4810
Width (mm)	1920	1920	1920
Height(mm)	1675	1675	1675
Wheelbase (mm)	2820	2820	2820
Front wheelbase (mm)	1640	1640	1640
Rear track (mm)	1665	1665	1665
Curb mass (kg)	1920	2090	2090
Maximum full load mass (kg)	2375	2545	2545
Luggage compartment volume (L)	757	757	757

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Front trunk volume (L)	142	142	142
Number of doors	5	5	5
Number of seats	5	5	5
Approach angle (°)	18	18	18
Departure angle (°)	20	20	20

## ELECTRIC MOTOR

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
Total motor power (kW)	170	180	180
Total torque of the motor (N-m)	330	330	330
Maximum power of rear motor (kW)	170	180	180
Maximum torque of rear motor (N-m)	330	330	330
CLTC pure electric range (km)	520	605	605
Battery capacity (kWh)	65.28	78.72	78.72
Power consumption per 100 kilometers (kWh/100km)	13.7	14.1	14.1
Electric energy equivalent fuel consumption (L/100km)	1.59	1.64	1.64
Fast charging time (h)	0.3	0.3	0.3
High-voltage fast charging	-	Support	Support
Motor structure	Permanent magnet	Permanent magnet	Permanent magnet
How a motor works	Synchronous	Synchronous	Synchronous
Number of drive motors	Single motor	Single motor	Single motor
Motor layout	Front	Front	Front

## Battery & Charging

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Battery cell brand	Fudi	Fudi	Fudi
Battery cooling method	Direct cooling	Direct cooling	Direct cooling

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Fast charging function	Support	Support	Support
Fast charging capacity (%)	30-80	30-80	30-80
Energy recovery	•	•	•
Battery preheating	•	•	•
Discharge to the outside	•	•	•
Fast charging power (kW)	195	237	237

## Chassis & Steering

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
Drive type	Rear-wheel drive	Rear-wheel drive	Rear-wheel drive
Front suspension type	Double ball joint McPherson suspension	Double ball joint McPherson suspension	Double ball joint McPherson suspension
Rear suspension type	Five-link independent suspension	Five-link independent suspension	Five-link independent suspension
Adjustable suspension	•	•	•
Power steering form	Electric power steering	Electric power steering	Electric power steering

## Wheels/Brakes

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
Front/rear brake type	Ventilated disc/disc	Ventilated disc/disc	Ventilated disc/disc
Parking brake type	Electronic parking brake	Electronic parking brake	Electronic parking brake
Front tire specifications	235/50 R19	235/50 R19	235/50 R19
Rear tire specifications	235/50 R19	235/50 R19	235/50 R19
Wheel material	Aluminum alloy	Aluminum alloy	Aluminum alloy
Spare tire specifications	Tire repair tools	Tire repair tools	Tire repair tools

## Active/Passive safety configuration

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
ABS anti-lock braking system	•	•	•
Braking force distribution (EBD/CBC, etc.)	•	•	•
Brake assist (BA/EBA/BAS, etc.)	•	•	•

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Traction control (ASR/TCS/TRC, etc.)	•	•	•
Vehicle stability control (ESC/ESP/DSC, etc.)	•	•	•
Active braking/safety systems	•	•	•
Lane change assistance	•	•	•
Lane Keeping Assist System	•	•	•
Lane centering	•	•	•
Lane Departure Warning	•	•	•
Road traffic sign recognition	•	•	•
Low speed warning	•	•	•
Fatigue driving tips	-	•	•
DOW door opening warning	•	•	•
Front airbags	<ul style="list-style-type: none"> <li>•Driver's airbag</li> <li>•Passenger's airbag</li> <li>•Center airbag</li> <li>•Side airbag</li> <li>•Head airbag (air curtain)</li> </ul>	<ul style="list-style-type: none"> <li>•Driver's airbag</li> <li>•Passenger's airbag</li> <li>•Center airbag</li> <li>•Side airbag</li> <li>•Head airbag (air curtain)</li> </ul>	<ul style="list-style-type: none"> <li>•Driver's airbag</li> <li>•Passenger's airbag</li> <li>•Center airbag</li> <li>•Side airbag</li> <li>•Head airbag (air curtain)</li> </ul>
rear airbags	•Head airbag (air curtain)	•Head airbag (air curtain)	•Head airbag (air curtain)
Tire pressure detection device	Display	Display	Display
Seat belt not fastened reminder	•Full vehicle	•Full vehicle	•Full vehicle
ISOFIX child seat	•	•	•
Forward Collision Warning	•	•	•
Rear Collision Warning	•	•	•
Anti-rollover system	•	•	•
Sentry Mode/Clairvoyance	•	•	•
<b>Auxiliary/control configuration</b>			
Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition

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Parking radar	<ul style="list-style-type: none"> <li>●Front</li> <li>●Rear</li> </ul>	<ul style="list-style-type: none"> <li>●Front</li> <li>●Rear</li> </ul>	<ul style="list-style-type: none"> <li>●Front</li> <li>●Rear</li> </ul>
Driving assistance images	360-degree panoramic images	360-degree panoramic images	360-degree panoramic images
Transparent chassis/540-degree imaging	•	•	•
Reversing side warning system	•	•	•
Cruise control system	●Full-speed adaptive cruise control	●Full-speed adaptive cruise control	●Full-speed adaptive cruise control
Driving mode switch	●Sports	●Sports	●Sports
	●Economy	●Economy	●Economy
	●Standard/Comfort	●Standard/Comfort	●Standard/Comfort
	●Snow	●Snow	●Snow
Steep slope descent	•	•	•
Hill-start assist	•	•	•
Automatic parking	•	•	•
Remote control parking	•	•	•
Driving assistance level	L2	L2	L2
Assisted driving system	DiPilot 100	DiPilot 100	DiPilot 100
<b>External/anti-theft configuration</b>			
<b>Model</b>	<b>2025 Sealion 06 EV 520 Pilot Edition</b>	<b>2025 Sealion 06 EV 605 Pilot Pro Edition</b>	<b>2025 Sealion 06 EV 605 Pilot Plus Edition</b>
Skylight	-	●The panoramic sunroof cannot be opened	●The panoramic sunroof cannot be opened
Roof rack	•	•	•
Active closed grille	•	•	•
Trunk opening method	●Electric	●Electric	●Electric
Electric trunk position memory	•	•	•
Key type	●Remote control key	●Remote control key	●Remote control key
	●Bluetooth key	●Bluetooth key	●Bluetooth key
	●NFC/RFID key	●NFC/RFID key	●NFC/RFID key

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Keyless entry	•	•	•
Keyless start system	•	•	•
Remote start function	•	•	•
Central locking system in the car	•	•	•

## Internal Configuration

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
Steering wheel material	Leather	Leather	Leather
	•Manually	•Manually	•Manually
Steering wheel adjustment	Adjustable up and down	Adjustable up and down	Adjustable up and down
	Front and Rear	Front and Rear	Front and Rear
Steering wheel functions	Multifunctional	Multifunctional	•Heating •Multi-function
Hands-off steering wheel detection	•	•	•
Central armrest	•Front •Rear	•Front •Rear	•Front •Rear
Gear shifting	•Electronic hand-shift	•Electronic hand-shift	•Electronic hand-shift
Sun visor makeup mirror	•	•	•
Full LCD instrument panel	•	•	•
LCD instrument size	10.25 inches	10.25 inches	10.25 inches
HUD Head-up Display	-	-	•
HUD head-up size	-	-	26 inches
Built-in driving recorder	•	•	•
Mobile phone wireless charging function	-	Front row	Front row
ETC device	•	•	•

## Smart Hardware

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
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Assisted driving chip	Nvidia Orin-N	Nvidia Orin-N	Nvidia Orin-N
Total chip computing power	84 TOPS	84 TOPS	84 TOPS
Forward perception camera	●Three eyes	●Three eyes	●Three eyes
Number of cameras	12	12	12
Number of cameras in the car	-		1
Number of ultrasonic radars	12	12	12
Number of millimeter-wave radars		5	5
Voice wake-up recognition by region	Four regions	Four regions	Four regions

## Seat

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
Seat material	Imitation leather	Imitation leather	Imitation leather
Front seat functions	●Heating	●Heating	●Heating
	●Ventilation	●Ventilation	●Ventilation
Electric seat adjustment	●Driver	●Driver	●Driver
	●Passenger	●Passenger	●Passenger
Main seat adjustment method	●Front and rear adjustment	●Front and rear adjustment	●Fore and aft adjustment
	●Rearrest adjustment	●Rearrest adjustment	●Rearrest adjustment
	●Height adjustment (2-way)	●Height adjustment (2-way)	●Height adjustment (4 directions)
			●Lumbar Support (4 directions)
Passenger seat adjustment method	●Front and rear adjustment	●Front and rear adjustment	●Front and rear adjustment
	●Rearrest adjustment	●Rearrest adjustment	●Rearrest adjustment
Second row seat adjustment	●Adjustable angle	●Adjustable angle	●Adjustable angle
	●Proportional tilt	●Proportional tilt	●Proportional tilt
Rear cup holder	•	•	•

## Multimedia

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
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Large color screen on the center console	Touch LCD screen	Touch LCD screen	Touch LCD screen
Central control LCD split screen display	•	•	•
Satellite navigation system	•	•	•
Navigation traffic information display	•	•	•
Map Brand	Baidu	Baidu	Baidu
Roadside assistance call	•	•	•
In-vehicle intelligent system	DiLink	DiLink	DiLink
Car computer smart chip	BYD D100	BYD D100	BYD D100
Mobile APP remote function	<ul style="list-style-type: none"> <li>• Door control</li> <li>• Window control</li> <li>• Vehicle start</li> <li>• Charging management</li> <li>• Air conditioning control</li> <li>• Vehicle condition inquiry/diagnosis</li> <li>• Vehicle location/search</li> <li>• Owner services (find charging stations, gas stations, parking lots, etc.)</li> <li>• Maintenance/repair reservations</li> </ul>	<ul style="list-style-type: none"> <li>• Door control</li> <li>• Window control</li> <li>• Vehicle start</li> <li>• Charging management</li> <li>• Air conditioning control</li> <li>• Vehicle condition inquiry/diagnosis</li> <li>• Vehicle location/search</li> <li>• Owner services (find charging stations, gas stations, parking lots, etc.)</li> <li>• Maintenance/repair reservations</li> </ul>	<ul style="list-style-type: none"> <li>• Door control</li> <li>• Window control</li> <li>• Vehicle start</li> <li>• Charging management</li> <li>• Air conditioning control</li> <li>• Vehicle condition inquiry/diagnosis</li> <li>• Vehicle location/search</li> <li>• Owner services (find charging stations, gas stations, parking lots, etc.)</li> <li>• Maintenance/repair reservations</li> </ul>
Bluetooth/car phone	•	•	•
Audio brand name	-	-	Dynaudio
Number of audio speakers	8	8	12
Voice recognition control system	<ul style="list-style-type: none"> <li>•Multimedia system</li> <li>•Navigation</li> <li>•Phone</li> <li>•Air conditioning</li> <li>•Windows</li> </ul>	<ul style="list-style-type: none"> <li>•Multimedia system</li> <li>•Navigation</li> <li>•Phone</li> <li>•Air conditioning</li> <li>•Windows</li> </ul>	<ul style="list-style-type: none"> <li>•Multimedia system</li> <li>•Navigation</li> <li>•Phone</li> <li>•Air conditioning</li> <li>•Windows</li> </ul>
Central control screen size	15.6 inches	15.6 inches	15.6 inches

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Voice wake-up word-free	•	•	•
Voice assistant wake-up word	Hello, Xiaodi	Hello, Xiaodi	Hello, Xiaodi
Continuous Speech Recognition	•	•	•
Seeing is telling	•	•	•
4G/5G network	5G	5G	5G
Wi-Fi hotspots	•	•	•
Internet of Vehicles	•	•	•
Car KTV	•	•	•
Interface Support	•USB port	•USB port	•USB port
	•Type-C port	•Type-C port	•Type-C port
Number of USB/Type-C ports	2 in the front row / 2 in the Rear row	2 in the front row / 2 in the Rear row	2 in the front row / 2 in the Rear row
Mobile phone wireless charging power	-	50W	50W
App Store	•	•	•

## Lights

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
Low beam	LED	LED	LED
High beam	LED	LED	LED
LED daytime running lights	•	•	•
Adaptive high and low beam	•	•	•
Adjustable headlights	•	•	•
Automatic headlights	•	•	•
Headlight delayed off	•	•	•
Turn assist lighting	-	•	•
Interior ambient lighting	-	•	•
Active ambient lighting	-	-	•

## Glass/rearview mirror

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Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
Power windows	●Front	●Front	●Front
	●Rear	●Rear	●Rear
One-touch window lift	●Full vehicle	●Full vehicle	●Full vehicle
Car window anti-pinch finger	•	•	•
Exterior mirrors	●Electric adjustment	●Electric adjustment	●Electric adjustment
	●Electric folding	●Electric folding	●Electric folding
	●Heating	●Heating	●Heating
	●Automatic folding when the car is locked	●Automatic folding when the car is locked	●Automatic folding when the car is locked
Rearview mirror	●Manual anti-glare	●Manual anti-glare	Automatic anti-glare
Glass function	●Multi-layer sound insulation	●Multi-layer sound insulation	●Multi-layer sound insulation
	●Rear side privacy	●Rear side privacy	●Rear side privacy
Side window multi-layer soundproof glass	Front row	Front row	Front row
Rain-sensing wipers	•	•	•
Rear wiper	•	•	•

## Air conditioning/refrigerator

Model	2025 Sealion 06 EV 520 Pilot Edition	2025 Sealion 06 EV 605 Pilot Pro Edition	2025 Sealion 06 EV 605 Pilot Plus Edition
Air conditioning control method	Automatic control	Automatic control	Automatic control
Heat pump air conditioner	•	•	•
Rear air outlet	•	•	•
Temperature zone control	•	•	•
PM2.5 filtration	•	•	•
Car refrigerator	-	-	•

Standard ● Optional ○ None -