

# SeaLion 05 EV 2026 540Smart Navigation Edition Specifications

## Basic Information

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Official Price	RMB 129,900
Manufacturer	BYD
Class	Compact SUV
Energy Type	Pure Electric
Market Time	2026.04
Electric Description	Pure Electric 272 hp
CLTC Range	540
CLTC Pure Electric Range (km)	540
Charging Time	Fast charge 5 min
Fast Charging Window (%)	10-70
Maximum Power (kW)	200(272Ps)
Maximum Torque (N-m)	230
Transmission Description	EV single-speed transmission
Length x Width x Height (mm)	4620x1860x1630
Body Structure	5-door 5-seat SUV
Top Speed (km/h)	190
Official 0-100 km/h Acceleration (s)	6.6
Energy Consumption (kWh/100km)	11.8
Equivalent Fuel Consumption (L/100km)	1.37
Vehicle Warranty	6 years or 150,000 km
Estimated Maintenance Cost over 60,000 km	-

## Body

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Length (mm)	4620
Width (mm)	1860
Height (mm)	1630
Wheelbase (mm)	2770
Front Track (mm)	1565
Rear Track (mm)	1565
Minimum Ground Clearance (mm)	-
Body Structure	SUV
Number of Doors	5
Door Opening Type	Hinged doors
Seats	5
Curb Weight (kg)	1710
Gross Weight (kg)	2150
FrontCargo Volume(L)	110
Cargo Volume (L)	600
Minimum Turning Radius (m)	4.7m

## Electric Motor

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Electric Description	Pure Electric 272 hp

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Motor Type	Permanent magnet synchronous
Total Motor Power	200
Total Motor Horsepower (Ps)	272
Total Motor Torque	230
Rear Motor Max Power (kW)	200
Rear Motor Max Torque (N·m)	230
Drive Motor Count	Single motor
Motor Layout	Rear-mounted

## Battery / Charging

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Battery Type	LFP Battery
Battery Special Technology	Blade Battery
Cell Brand	FinDreams
Battery Warranty	Lifetime warranty for the first owner (exclusions subject to official terms)
Battery Capacity	57.55
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	-
Battery Charging (Summary)	● Standard: Fast charge 5 min; ● Standard: Fast charging port
Charging Time	Fast charge 5 min
Battery Charging - Fast Charging Port	● Standard: Fast charging port
MAX Fast Charge Power	-
Fast Charging Port Position (Summary)	Right rear fender
Fast Charging Port Position - Option	Right rear fender
Slow Charging Port Position (Summary)	Right rear fender
Slow Charging Port Position - Option	Right rear fender
Battery Heating System	Standard
Battery Cooling System	Direct cooling
One-pedal Mode	-
VTOL Mobile Power Station	Standard
VTOL Maximum External Discharge Power	6kW
VTOV Maximum External Discharge Power	-

## Transmission

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

## Chassis / Steering

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Drive Type	Rear-mounted RWD
Front Suspension	MacPherson independent suspension
Rear Suspension	Multi-link independent suspension
Steering Type	Electric power steering
Vehicle Body Structure	Unibody

## Wheels / Brakes

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Front Brake Type	Ventilated disc
Rear Brake Type	Solid disc

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Parking Brake Type	Electronic parking brake
Front Tire Size	235/50 R18
Rear Tire Size	235/50 R18
Spare Tire Specification	-
Spare Tire Location	-
Active Safety	-
ABS	Standard
Brake-force Distribution (EBD/CBC)	Standard
Brake Assist (EBA/BA)	Standard
Traction Control (TCS/ASR)	Standard
Body Stability System (ESP/DSC)	Standard
Active Safety Warning System	● Standard: Lane departure warning; ● Standard: Forward collision warning; ● Standard: Rear collision warning; ● Standard: Rear cross traffic alert; ● Standard: DOW door opening warning; ● Standard: Front cross traffic alert; ● Standard: Front cross traffic braking
Active Safety Warning System - Lane Departure Warning	● Standard: Lane departure warning
Active Safety Warning System - Forward Collision Warning	● Standard: Forward collision warning
Rear collision warning	● Standard: Rear collision warning
Rear cross traffic alert	● Standard: Rear cross traffic alert
DOW door opening warning	● Standard: DOW door opening warning
Front cross traffic alert	● Standard: Front cross traffic alert
Front cross traffic braking	● Standard: Front cross traffic braking
Automatic Emergency Braking	Standard
Blind Spot Assist	Standard
Lane Keeping Assist	Standard
Lane Centering Assist	Standard
Driver Fatigue Warning	Standard
Active DMS Fatigue Detection	Standard
Cabin Vital-sign Detection	-
Traffic Sign Recognition	Standard
Traffic Light Recognition	Optional
Night Vision System	-
Passive Safety	-
Front Airbags (Summary)	● Standard: Driver seat; ● Standard: Passenger seat
Front Airbags - Driver	● Standard: Driver seat
Front Airbags - Front Passenger	● Standard: Passenger seat
Side Airbags (Summary)	● Standard: Front row
Side Airbags - Front Row	● Standard: Front row
Side Curtain Airbags	Standard
Front Knee Airbags	-
Center Airbag	● Standard: Front row
Front row	● Standard: Front row
Seat Belt Reminder	Standard
TPMS	Tire pressure display
ISOFIX	Standard
Passive Pedestrian Protection	-
Run-flat Tire	-
Driver Assistance / Control	-
Parking Radar (Summary)	● Standard: Front; ● Standard: Rear
Front	● Standard: Front
Parking Radar - Rear	● Standard: Rear
Front Vehicle Departure Reminder	-
Narrow Road Assistance	Standard

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Driving Assistance Camera (Summary)	● Standard: Rear view camera; ● Standard: 360-degree panoramic camera; ● Standard: Transparent view
Driving Assistance Camera - Reverse Camera	● Standard: Rear view camera
Driving Assistance Camera - 360° Panoramic Camera	● Standard: 360-degree panoramic camera
Driving Assistance Camera - Transparent Chassis View	● Standard: Transparent view
Cruise System (Summary)	● Standard: Cruise control; ● Standard: Adaptive cruise control; ● Standard: Full-speed adaptive cruise control
Cruise System - Option	● Standard: Cruise control
Cruise System - Adaptive Cruise Control	● Standard: Adaptive cruise control
Cruise System - Full-speed Adaptive Cruise Control	● Standard: Full-speed adaptive cruise control
Automatic Lane Change Assist	Standard
Automatic Ramp Exit / Entry	Standard
Navigation Assisted Driving	● Standard: Highway navigation assist; ■ Optional: Urban navigation assist
Highway navigation assist	● Standard: Highway navigation assist
Urban navigation assist	■ Optional: Urban navigation assist
ADAS Level	L2
Automatic Parking	Standard
Reverse Path Tracking	-
Memory Parking	-
Automatic Valet Parking	Standard
Auto Hold	Standard
Hill Start Assist (HAC)	Standard
Hill Descent Control (HDC)	Standard
Variable Suspension	-
Air Suspension	-
Air Suspension Type	-
Electromagnetic Suspension	-
Variable Steering Ratio	-
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	-
Center Differential Lock	-
Four WD LOW	-
Active Rear Steering	-
Drive Mode Selection (Summary)	● Standard: Sport; ● Standard: Snow; ● Standard: ECO/Economy; ● Standard: Standard Comfort
Drive Mode Selection - Sport	● Standard: Sport
Drive Mode Selection - Snow	● Standard: Snow
Drive Mode Selection - ECO	● Standard: ECO/Economy
Drive Mode Selection - Standard / Comfort	● Standard: Standard Comfort
Brake Energy Recovery	Standard
Comfortable Braking	Standard
Low-speed Warning Sound	Standard
Exterior Features	-
Sunroof Type	Panoramic glass roof
Panoramic Roof Sunshade	Standard
Smart Dimming Roof	-
Roof Rack	Standard
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	Standard
Alloy Wheels	Standard
Side Steps	-
Frameless Doors	-
Hidden Door Handles	-

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Tow Hook	-
Interior Features	-
Steering Wheel Material (Summary)	● Standard: Leather
Steering Wheel Material - Option	● Standard: Leather
Steering Wheel Adjustment	Tilt and telescopic
Power Steering Wheel Adjustment	-
Steering Wheel Functions (Summary)	● Standard: Multifunction controls
Steering Wheel Functions - Multi-function Control	● Standard: Multifunction controls
Gear Selector Type (Summary)	● Standard: Electronic column shifter
Gear Selector Type - Option	● Standard: Electronic column shifter
LCD Cluster Style	Full LCD
LCD Cluster Size (in) (Summary)	● Standard: 8.8
LCD Instrument Cluster Size - 8.8 in	● Standard: 8.8
Comfort / Anti-theft	-
Soft-close Doors	-
Power Tailgate	Standard
Hands-free Tailgate	-
Tailgate Position Memory	Standard
Central Locking	Standard
Remote Key Type (Summary)	● Standard: Smart remote key; ● Standard: Phone Bluetooth key; ● Standard: NFC/RFID key
Remote Key Type - Smart Remote Key	● Standard: Smart remote key
Remote Key Type - Bluetooth Key	● Standard: Phone Bluetooth key
Remote Key Type - NFC/RFID Key	● Standard: NFC/RFID key
Keyless Entry	Driver seat
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Move	Standard
Vehicle Summon	-
Head-up Display (HUD)	-
Built-in Driving Recorder	Standard
Factory ETC	-
Active Noise Cancellation	-
Wireless Phone Charging	Standard
Wireless Charging MAX Power (Summary)	50
Wireless Charging MAX Power 50	50
AC Power Outlet	-
Cargo 12V Power Outlet	Standard
Seat Features	-
Seat Material	Synthetic leather
Sport Seats	-
Seat Layout	● Standard: 2+3
Layout Seat 4 - 2+3	● Standard: 2+3
Second-row Independent Seats	-
Third-row Seats	-
Zero Gravity Seat	-
Power Seat Adjustment (Summary)	● Standard: Driver seat; ● Standard: Passenger seat
Power Seat Adjustment - Driver	● Standard: Driver seat
Seat Power Adjustment - Front Passenger	● Standard: Passenger seat
Sunken Rear Seat Folding	-
Driver Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Backrest angle; ● Standard: Height adjustment
Driver Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment
Driver Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Driver Seat Main Adjustments - Height Adjustment	● Standard: Height adjustment

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Driver Seat Fine Adjustments (Summary)	● Standard: Headrest
Driver Seat Fine Adjustments - Headrest	● Standard: Headrest
Front Passenger Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Backrest angle
Front Passenger Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment
Front Passenger Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Front Passenger Seat Fine Adjustments (Summary)	● Standard: Headrest
Front Passenger Seat Fine Adjustments - Headrest	● Standard: Headrest
Leg rest	-
Second-row Seat Main Adjustments (Summary)	-
Second-row Seat Fine Adjustments	-
Front Seat Functions	● Standard: Heating; ● Standard: Ventilation; ● Standard: Memory(driver seat)
Front Seat Functions - Option	● Standard: Heating
Ventilation	● Standard: Ventilation
Memory	-
Memory(driver seat)	● Standard: Memory(driver seat)
Second-row Seat Functions	-
Third-row Seat Functions	-
Boss Key	-
Front / Rear Armrests (Summary)	● Standard: Front row; ● Standard: Rear row
Front / Rear Armrests - Front Row	● Standard: Front row
Rear row	● Standard: Rear row
Rear Cup Holder	Standard
Heated / Cooled Cup Holder	-
Rear Seat Folding Ratio	40:60
Power-folding Rear Seats	-
Second-row Tray Table	-
Smart Connectivity	-
Center Screen Size (in)	15.6
Center Screen Material	● Standard: LCD
Center Console Screen Material 2 - LCD	● Standard: LCD
Satellite Navigation	Standard
AR Navigation	-
Navigation Traffic Display	Standard
MAP Brand (Summary)	● Standard: Amap
Amap	● Standard: Amap
Baidu	-
Roadside Assistance	Standard
Bluetooth / Car Phone	Standard
Phone Mirroring (Summary)	● Standard: Factory system; ● Standard: HUAWEI HiCar; ● Standard: Carlink
Phone Mirroring - Factory System	● Standard: Factory system
Phone Mirroring - HUAWEI HiCar	● Standard: HUAWEI HiCar
Phone Mirroring - Carlink	● Standard: Carlink
Connected Car	Standard
Mobile Network (Summary)	● Standard: 5G
5G	● Standard: 5G
OTA Upgrade	Standard
Face Recognition	Standard
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition Control	Standard
Wake-word-free Voice Control	Standard

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Voice Wake-up by Zone (Summary)	● Standard: Four-zone voice recognition
Voice Wake-up by Zone - Four Zones	● Standard: Four-zone voice recognition
Continuous Voice Recognition	Standard
Visible-to-speak Control	Standard
Voice Assistant Wake-up Phrase	Hi Xiaodi
Gesture Control	-
Wi-Fi Hotspot	Standard
Audio / Entertainment	-
Multi-finger Screen Control	-
App Store	Standard
Media Interface (Summary)	● Standard: SD card slot; ● Standard: USB/Type-C
SD card slot	● Standard: SD card slot
Media Interface - USB/Type-C	● Standard: USB/Type-C
USB/Type-C Port Count (Summary)	● Standard: Front row: 2; ● Standard: Rear row: 2
USB/Type-C Port Count - 2 Front	● Standard: Front row: 2
USB/Type-C Port Count - 1 Rear	● Standard: Rear row: 2
USB/Type-C Max Charging Power	-
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	-
Karaoke	Standard
Audio Brand	-
Number of Speakers	8
Rear Multimedia Controls	-
Lighting	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	Standard
Adaptive High / Low Beam	Standard
Automatic Headlights	Standard
Cornering Lights	Standard
Front Fog Lights	-
Adaptive Front-lighting System (AFS)	-
Headlight Height Adjustment	Standard
Headlight Washers	-
Ambient Lighting	127-color
Active Ambient Lighting	● Standard
Standard	● Standard
Special Lighting Functions	-
Lighting Projection Technology	-
Headlight Delay-off	Standard
Headlamp Rain / Fog Mode	-
Windows / Mirrors	-
Power Windows (Summary)	● Standard: Front row; ● Standard: Rear row
Power Windows - Front Row	● Standard: Front row
Power Windows - Option	● Standard: Rear row
One-touch Windows	All windows
Anti-pinch Windows	Standard
Exterior Mirror Functions (Summary)	● Standard: Power adjustment; ● Standard: Heating; ● Standard: Power folding; ● Standard: Memory; ● Standard: ReverseAutomaticilt-down; ● Standard: Auto-fold on lock
Exterior Mirror Functions - Option	● Standard: Power adjustment
Exterior Mirror Functions - Heating	● Standard: Heating
Exterior Mirror Functions - Power Folding	● Standard: Power folding

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Memory	● Standard: Memory
ReverseAutomatictilt-down	● Standard: ReverseAutomatictilt-down
Exterior Mirror Functions - Auto Fold on Lock	● Standard: Auto-fold on lock
Interior Mirror Functions	-
Vanity Mirror (Summary)	● Standard: Driver seat+with lighting; ● Standard: Passenger seat+with lighting
Vanity Mirror - Option	● Standard: Driver seat+with lighting
Vanity Mirror - Option	● Standard: Passenger seat+with lighting
Rear Privacy Glass	-
Interior Sunshade	-
Rain-sensing Wipers	Standard
Rear Wiper	Standard
Rear Window Open Method	-
Multi-layer Acoustic Glass	-
Heated Windshield	-
Heated Washer Nozzles	-
Air Conditioning / Refrigerator	-
A/C Control Type	Automatic
Rear Independent A/C	-
Rear Air Vents	Standard
Temperature Zone Control	-
In-car Air Purifier	-
Cabin PM2.5 Filter	Standard
Negative-ion Generator	-
Fragrance System	-
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-
Heating	-
Refrigeration	-
Freezing	-

## Smart Features

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
ADAS Operating System (Summary)	● Standard: DiPilot 100
DiPilot 100	● Standard: DiPilot 100
Driver Assistance Chip	● Standard: NVIDIA DRIVE Orin N; ■ Optional: NVIDIA DRIVE Orin X
NVIDIA DRIVE Orin N	● Standard: NVIDIA DRIVE Orin N
NVIDIA DRIVE Orin X	■ Optional: NVIDIA DRIVE Orin X
Driver Assistance Chip Computing Power (TOPS)	● Standard: 84; ■ Optional: 254
84	● Standard: 84
254	■ Optional: 254
CAR Intelligent System (Summary)	● Standard: DiLink
DiLink	● Standard: DiLink
Infotainment System Memory (GB)	-
12	-
Infotainment System Storage (GB)	-
256	-
Mobile App Remote Control (Summary)	● Standard: Vehicle monitoring; ● Standard: Remote control; ● Standard: Charging management; ● Standard: Service appointment; ● Standard: Digital key
Mobile App Remote Control - Vehicle Monitoring	● Standard: Vehicle monitoring
Mobile App Remote Control	● Standard: Remote control
Mobile App Remote Control - Charging Management	● Standard: Charging management

Parameter	SeaLion 05 EV 2026 540Smart Navigation Edition
Mobile App Remote Control - Service Appointment	● Standard: Service appointment
Mobile App Remote Control - Digital Key	● Standard: Digital key
Heat Pump System	Standard
Front Maximum Detection Distance (m)	-
350	-
Number of Exterior Cameras	11
Exterior Camera Resolution	-
Interior Camera Count	● Standard: 1
Incar Camera Count 1	● Standard: 1
Interior Camera Resolution	-
Number of Ultrasonic Radars	12
Millimeter Wave Radar	3
Laser Radar	■ Optional: 1
1	■ Optional: 1
Sub-meter High-precision Positioning	-
High-precision Map	-
Sentinel Mode	Standard
V2X Communication	-
Optional Package	-
Custom Options	Optional exterior, interior, wheels, brakes