

SeaLion 05 DM-i 2025 DM-i 75KM Specifications

Basic Information

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Official Price	RMB 122,800
Manufacturer	BYD
Class	Compact SUV
Energy Type	Plug-in Hybrid
Market Time	2024.09
Engine Description	1.5L 101 hp L4 Plug-in Hybrid
CLTC Range	75
Wltc Recharge Mileage	64
CLTC Pure Electric Range (km)	75
Combined Driving Range (km), MIIT	1360
Combined Cruising Range Cltc	-
Charging Time	Slow charge 3.8 h
Fast Charging Window (%)	-
Engine Maximum Power (kW)	74(101Ps)
Electric Motor Maximum Power (kW)	120(163Ps)
Maximum Torque (N·m)	126
Electric Motor Maximum Torque (N·m)	210
Transmission Description	E-CVT
Length x Width x Height (mm)	4710x1880x1720
Body Structure	5-door 5-seat SUV
Top Speed (km/h)	180
Official 0-100 km/h Acceleration (s)	8.3
WLTC Fuel Consumption (L/100km)	1.86
Energy Consumption (kWh/100km)	13.1
Equivalent Fuel Consumption (L/100km)	1.86
Fuel Consumption at Low Charge WLTC (L/100km)	4.85
Nedc State OF Charge Fuel Consumption	3.79
Vehicle Warranty	6 years or 150,000 km
Estimated Maintenance Cost over 60,000 km	RMB 5,077

Body

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Length (mm)	4710
Width (mm)	1880
Height (mm)	1720
Wheelbase (mm)	2712
Front Track (mm)	1573
Rear Track (mm)	1582
Minimum Ground Clearance (mm)	-
Body Structure	SUV
Number of Doors	5
Door Opening Type	Hinged doors
Seats	5
Curb Weight (kg)	1670
Gross Weight (kg)	2045
OIL Tank Volume	52.0

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Cargo Volume (L)	407-1430
Minimum Turning Radius (m)	5.8m

Engine

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Engine Model	BYD472QC
Displacement (mL)	1498
Displacement (L)	1.5
Aspiration	Naturally aspirated
Engine Layout	Transverse-mounted
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Compression Ratio	-
Valve Train	DOHC
Maximum Horsepower (Ps)	101
Maximum Power (kW)	74
Maximum Net Power (kW)	70
Maximum Power RPM	6000
Maximum Torque (N·m)	126
Maximum Torque RPM	4500
Engine Technology	VVT
Energy Type	Plug-in Hybrid
Fuel Grade	92#
Fuel Supply System	Multi-point fuel injection
Cylinder Head Material	Aluminum alloy
Cylinder Block Material	Aluminum alloy
Emission Standard	China VI

Electric Motor

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Electric Description	Plug-in Hybrid 163 hp
Motor Type	Permanent magnet synchronous
Total Motor Power	120
Total Motor Horsepower (Ps)	163
Total Motor Torque	210
Front Motor Max Power (kW)	120
Front Motor Max Torque (N·m)	210
Drive Motor Count	Single motor
Motor Layout	Front-mounted

Battery / Charging

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
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	12.9
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	-
Battery Charging (Summary)	Slow charge 3.8 h

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Charging Time	Slow charge 3.8 h
Battery Charging - Fast Charging Port	-
MAX Fast Charge Power	-
Fast Charging Port Position (Summary)	-
Fast Charging Port Position - Option	-
Slow Charging Port Position (Summary)	Right rear fender
Slow Charging Port Position - Option	Right rear fender
Battery Heating System	Standard
Battery Cooling System	Liquid cooling
One-pedal Mode	-
VTOL Mobile Power Station	Standard
VTOL Maximum External Discharge Power	3.3kW
VTOV Maximum External Discharge Power	-

Transmission

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Transmission Description	E-CVT
Number of Gears	Continuously variable transmission
Transmission Type	Electronic Continuously Variable Transmission (E-CVT)

Chassis / Steering

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Drive Type	Front-mounted FWD
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 DM-i 2025 DM-i 75KM
Front Brake Type	Ventilated disc
Rear Brake Type	Solid disc
Parking Brake Type	Electronic parking brake
Front Tire Size	225/60 R18
Rear Tire Size	225/60 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
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	-
Rear cross traffic alert	-
DOW door opening warning	-
Front cross traffic alert	-
Front cross traffic braking	-

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Automatic Emergency Braking	Standard
Blind Spot Assist	-
Lane Keeping Assist	Standard
Lane Centering Assist	Standard
Driver Fatigue Warning	-
Active DMS Fatigue Detection	-
Cabin Vital-sign Detection	-
Traffic Sign Recognition	Standard
Traffic Light Recognition	-
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	-
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
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	-
Automatic Ramp Exit / Entry	-
Navigation Assisted Driving	-
Highway navigation assist	-
Urban navigation assist	-
ADAS Level	L2
Automatic Parking	-
Reverse Path Tracking	-
Memory Parking	-
Automatic Valet Parking	-
Auto Hold	Standard
Hill Start Assist (HAC)	Standard

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Hill Descent Control (HDC)	Standard
Engine SAS Tech	-
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	Openable panoramic sunroof
Panoramic Roof Sunshade	-
Smart Dimming Roof	-
Roof Rack	Standard
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	-
Alloy Wheels	Standard
Side Steps	-
Frameless Doors	-
Hidden Door Handles	-
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 gear selector
Gear Selector Type - Option	-
Electronic gear selector	● Standard: Electronic gear selector
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
Engine Anti Theft	Standard
Central Locking	Standard

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
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	Front row
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Move	Standard
Vehicle Summon	-
Head-up Display (HUD)	-
Built-in Driving Recorder	-
Factory ETC	Standard
Active Noise Cancellation	-
Wireless Phone Charging	-
Wireless Charging MAX Power (Summary)	-
Wireless Charging MAX Power 50	-
AC Power Outlet	-
Cargo 12V Power Outlet	-
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	-
Power Seat Adjustment (Summary)	● Standard: Driver seat
Power Seat Adjustment - Driver	● Standard: Driver seat
Seat Power Adjustment - Front Passenger	-
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
Driver Seat Fine Adjustments (Summary)	-
Driver Seat Fine Adjustments - 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)	-
Front Passenger Seat Fine Adjustments - Headrest	-
Second-row Seat Main Adjustments (Summary)	-
Second-row Seat Fine Adjustments	-
Front Seat Functions	-
Front Seat Functions - Option	-
Ventilation	-
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

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
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)	12.8
Center Screen Material	● Standard: LCD
Center Console Screen Material 2 - LCD	● Standard: LCD
Rotatable Center Screen	Standard
Satellite Navigation	Standard
AR Navigation	-
Navigation Traffic Display	Standard
MAP Brand (Summary)	● Standard: Amap
Amap	● Standard: Amap
Baidu	-
Roadside Assistance	-
Bluetooth / Car Phone	Standard
Phone Mirroring (Summary)	-
Phone Mirroring - Factory System	-
Phone Mirroring - HUAWEI HiCar	-
Phone Mirroring - Carlink	-
Connected Car	Standard
Mobile Network (Summary)	● Standard: 4G
5G	-
Mobile Network - 4G	● Standard: 4G
OTA Upgrade	Standard
Face Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition Control	Standard
Wake-word-free Voice Control	Standard
Voice Wake-up by Zone (Summary)	● Standard: Dual-zone voice recognition
Voice Wake-up by Zone - Dual-zone	● Standard: Dual-zone voice recognition
Voice Wake-up by Zone - Four Zones	-
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	-

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Simulated Engine Sound	-
Karaoke	-
Audio Brand	-
Number of Speakers	6
Rear Multimedia Controls	-
Lighting	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	Standard
Adaptive High / Low Beam	Standard
Automatic Headlights	Standard
Cornering Lights	-
Front Fog Lights	-
Adaptive Front-lighting System (AFS)	-
Headlight Height Adjustment	Standard
Headlight Washers	-
Ambient Lighting	-
Active Ambient Lighting	-
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: 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
Memory	-
ReverseAutomatictilt-down	-
Exterior Mirror Functions - Auto Fold on Lock	● Standard: Auto-fold on lock
Interior Mirror Functions	-
Automatic anti-glare	-
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	-
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	-

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
Rear Air Vents	Standard
Temperature Zone Control	● Standard: Dual-zone climate control
Dual-zone climate control	● Standard: Dual-zone climate control
In-car Air Purifier	-
Cabin PM2.5 Filter	Standard
Negative-ion Generator	-
Fragrance System	-
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-

Smart Features

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM
ADAS Operating System (Summary)	● Standard: DiPilot
DiPilot 100	-
DiPilot	● Standard: DiPilot
Driver Assistance Chip	-
NVIDIA DRIVE Orin N	-
NVIDIA DRIVE Orin X	-
Driver Assistance Chip Computing Power (TOPS)	-
84	-
254	-
CAR Intelligent System (Summary)	● Standard: DiLink
DiLink	● Standard: DiLink
Infotainment System Memory (GB)	● Standard: 6
6	● Standard: 6
8	-
12	-
Infotainment System Storage (GB)	● Standard: 64
64	● Standard: 64
CAR System Storage 128	-
256	-
Mobile App Remote Control (Summary)	● Standard: Digital key; ● Standard: Vehicle monitoring; ● Standard: Remote control; ● Standard: Charging management; ● Standard: Service appointment
Mobile App Remote Control - Digital Key	● 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
Mobile App Remote Control - Service Appointment	● Standard: Service appointment
Heat Pump System	-
Number of Exterior Cameras	5
Exterior Camera Resolution	-
Interior Camera Count	-
Incar Camera Count 1	-
Interior Camera Resolution	-
Number of Ultrasonic Radars	6
Millimeter Wave Radar	-
Laser Radar	-
1	-
Sub-meter High-precision Positioning	-
High-precision Map	-
Sentinel Mode	Standard

Parameter	SeaLion 05 DM-i 2025 DM-i 75KM■■■
V2X Communication	-
Optional Package	-
Custom Options	Optional exterior, interior, wheels, brakes