

BYD

EURO NCAP



Test 2023

# BYD SEAL



INNOVATION MEETS  
ACCELERATION

**NO.1** WORLD'S  
NEW ENERGY VEHICLE  
SALES CHAMPION



POWER OF BYD SEAL

# TRULY EXHILIRATING



# 3.8 sec<sup>1</sup>

AWD  
0-100km/h



**0.219 Cd**  
Ultra-Low Drag  
Coefficient

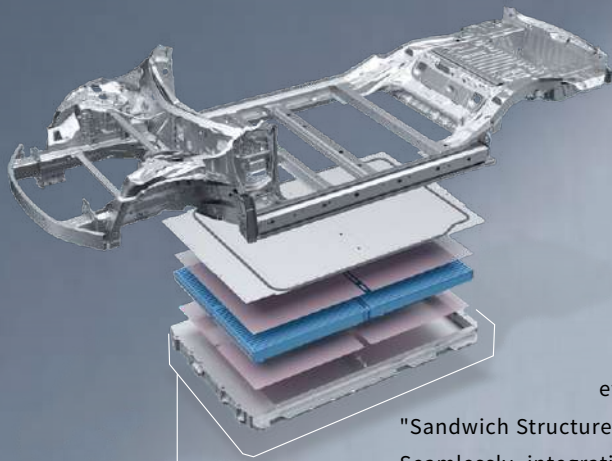


**390kW<sup>2</sup>** (670N.m)  
High-Powered  
Electric Motor



**650km** (NEDC)  
Ultra-Long  
Cruising Range

(1) The stated acceleration of 3.8 seconds for 0-100km/h is specific to the BYD Seal Performance AWD model. Actual acceleration times may vary depending on factors such as road conditions, weather, driver behavior, and vehicle configuration. Please refer to the specifications of your specific model for accurate performance metrics. (2) 390kW is only available for BYD Seal Performance variant.



## Intelligent e-Platform 3.0

The e-Platform 3.0 is a cutting-edge system designed for the future of electric vehicles. It works seamlessly with the Blade Battery and an 8-in-1 High Efficiency Electric Powertrain, boasting an impressive 89% efficiency rating. With additional features like the Wide Temperature Range High Efficiency Heat Pump System, it ensures unmatched stability, efficiency, and safety. BYD CTB (Cell to Body) technology takes things further by integrating the Blade Battery directly into the vehicle body. This evolution from the battery's "Sandwich Structure" to a vehicle "Sandwich Structure" significantly enhances safety, stability, handling, and performance. Seamlessly integrating the Blade Battery into the vehicle's structure, it achieves a remarkable torsional rigidity of 40,500 N.m/°, rivaling luxury car standards.

### Revolutionary Blade Battery



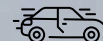
#### Ultra Safe

Passed "Mt Everest" nail test, ensuring top safety



#### Ultra Strength

Withstood a 46-ton truck rolling over it, highlighting its durability



#### Ultra-Long Range

Achieves over 1,000km range capacity with e-Platform 3.0



#### Ultra-Long Lifespan

Supports over 3,000 charge cycles for reliable performance

## BYD iTAC Technology<sup>3</sup>



### Superior Handling Performance.

Featuring high-end suspension (Double Wishbone + Multi-Link) and iTAC (Intelligence Torque Adaptation Control), our vehicle dynamics restoration surpasses traditional methods. iTAC intelligently allocates drive torque, minimizing skidding and enhancing safety. This advanced system also elevates handling comfort, ensuring a smooth and secure driving experience.

(3) This feature is available exclusively for the BYD Seal Performance variant.

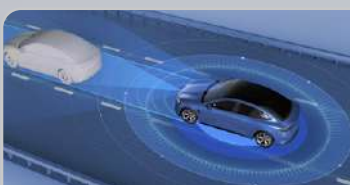
## High-Power Charging



### Charge in just approximately 18 minutes. (30% to 80%)

BYD SEAL integrates a high-voltage electric drive boost charging solution, enabling even faster charging. The system multiplexes motor charging and driving modes, minimizing heat generation for enhanced reliability. With a peak charging power of 150 kW, BYD SEAL can recharge from 30% to 80% in just 18 minutes.

## BYD ADVANCED DRIVER ASSISTANCE SYSTEMS (ADAS)



Predictive Collision Warning (Front)



Predictive Collision Warning (Side)



Adaptive Cruise Control Calibration



Adaptive Headlights

BYD ADAS (Advanced Driver Assistance Systems) is a sophisticated suite of safety technologies utilizing advanced sensors and intelligent algorithms to enhance driver awareness and mitigate risks on the road.

# BYD SEAL

Double-U  
Floating  
LED Headlights

Glistening  
"Ripple" Lamp



## Ocean-Inspired Aesthetic

The stunning BYD SEAL is a true masterpiece of ocean-inspired design, boasting an X-shaped front end that exudes sportiness and style. It is a proud recipient of the coveted iF Design Award, cementing its superior design and innovation.



19-inch Large Wheel



UV Resistance Double Glazing  
Panoramic Sunroof



Boundless LED Tail Light

## Wave Waistline Design

With its impressive and dynamic waistline, BYD's design reduces wind resistance while fully illustrating the fusion of sport and style.



Waterdrop-Shaped Side Mirrors  
Inspired by the flowing design of the ocean

# Bolstered Sports Seats with Immersive Driving Theatre

Ergonomically designed for maximum comfort, our ventilated front seats provide a refreshing, cooling driving experience. With electric adjustability for personalized comfort, these seats guarantee a more pleasurable ride. Additionally, our HIFI Dynaudio Premium Sound system boasts 12 state-of-the-art speakers that deliver unparalleled acoustic performance.



Ergonomically Designed Seat



Spacious Rear Seat



Crystal Gearshift



W-HUD Head-Up Display



15.6-inch Rotating Screen  
(Supports Apple CarPlay<sup>®</sup> & Android Auto<sup>™</sup>)

(4) Apple CarPlay<sup>®</sup> is a registered trademark of Apple Inc. Requires compatible device, USB connection.

(5) Android Auto<sup>™</sup> is a registered trademark of Google Inc. Requires compatible device, and wireless Android Auto<sup>™</sup> is compatible with an active data plan, 5 GHz Wi-Fi support, and the latest version.



# BYD SEAL

## SPECIFICATIONS

Dimensions	Extended Range AWD	
	Premium	Performance
Overall length (mm)	4,800	
Overall width (mm)	1,875	
Overall height (mm)	1,460	
Wheel track - front / rear (mm)	1,620/1,625	
Wheelbase (mm)	2,920	
Minimum turning radius (m)	5.7	
Ground clearance unladen (mm)	145	
Front trunk capacity (L)	50	
Rear trunk capacity (L)	400	
Kerb weight (kg)	2,055	2,185
Gross vehicle mass (kg)	2,501	2,631
<b>Traction Motor</b>		
Drivetrain	Rear Drive	All-Wheel Drive
Front motor type	/	Squirrel cage induction asynchronous motor
Front motor maximum power (kW)	/	160
Front motor maximum torque (N-m)	/	310
Rear motor type	Permanent magnet synchronous motor	
Rear motor maximum power (kW)	230	230
Rear motor maximum torque (N-m)	360	360
Maximum power (kW)	230	390
Maximum torque (N-m)	360	670
<b>Performance</b>		
Acceleration 0-100km/h (s)	5.9	3.8
Electric range:	650	580
NEDC combined cycle (km)		
WLTP combined cycle (km)	570	520
Seating capacity	5	
Battery type	BYD Blade Battery	
Battery capacity (kWh)	82.56	
<b>Chassis</b>		
Front suspension	Double Wishbone	
Rear suspension	Multi-Link	
Frequency Selective Damping (FSD) shock absorbers	-	Front & Rear
Front disc brake	Ventilated & Drilled	Ventilated & Drilled
Rear disc brake	Ventilated	Ventilated
Front brake caliper	Fixed	Fixed
Wheel type	Alloy	Alloy
Tyre size	235/45 R19	235/45 R19

## CONFIGURATIONS

New Energy		
AC charging port - Type 2 (7kW)	•	•
Portable charging cable (mode 2)	•	•
DC charging port - CCS 2 (150kW)	•	•
V2L function	•	•
V2L discharge adapter	•	•
Regenerative braking	•	•
<b>Safety and Security</b>		
Front airbags - driver & front passenger	•	•
Side airbags - driver & front passenger	•	•
Side curtain airbags - front & rear	•	•
Far-side airbags - driver	•	•
Side airbags - rear	•	•
Dual stage pretensioner on front seat belts	•	•
Pretensioner on rear seat belts	•	•
Seat belt reminder - front & rear	•	•
360° camera	•	•
Front parking sensor (2 Zones)	•	•
Rear parking sensor (4 Zones)	•	•

ISOFIX Child restraint anchorage points	•	•
Electronic child lock	-	•
Intelligent power brake system	•	•
Electric Power Steering (DP-EPS)	•	•
Traction Control System (TCS)	•	•
Electronic Brake Force Distribution (EBD)	•	•
Hill Hold Control (HHC)	•	•
Auto-hold	•	•
Adaptive Cruise Control (ACC)	•	•
Automatic Emergency Braking (AEB)	•	•
Lane Departure Warning (LDW)	•	•
Lane Departure Prevention (LDP)	•	•
Emergency Lane Keeping Assist (ELKA)	•	•
Intelligent Cruise Control (ICC)	•	•
Predictive Collision Warning (PCW)	•	•
TrafficSign Recognition (TSR)	•	•
Intelligent Speed Limit Information (ISLI)	•	•
Intelligent Speed Limit Control (ISLC)	•	•
Front Cross Traffic Alert (FCTA)	•	•
Front Cross Traffic Brake (FCTB)	•	•
Rear Cross Traffic Alert (RCTA)	•	•
Rear Cross Traffic Brake (RCTB)	•	•
Blind Spot Detection (BSD)	•	•
Door Open Warning (DOW)	•	•
High Beam Assist (HMA)	•	•
Driver Attention Warning (DAW)	•	•
Child Presence Detection (CPD)	•	•
Head-Up Display (W-HUD)	•	•
Intelligence Torque Adaption Control (ITAC)	-	•

Exterior		
Silver plated glass roof with shade insert	•	•
Electronic hidden door handles	•	•
Rear windscreen mount antenna	•	•
One-touch open/close tailgate	•	•
Electrically heated and adjustable exterior mirrors	•	•
Electrically retractable exterior mirrors	•	•
Door mirror auto-tilt	•	•
Door mirror position memory	•	•
Auto windows with anti-trap	•	•
Soundproof double glazed glass - windshield and front door	•	•
Rear windscreen with electric heating and defrosting	•	•
Continental tyre	-	•

Interior		
Steering wheel mounted controls - Audio, phone, ACC and Multi-Function display	•	•
Genuine leather-wrapped steering wheel	•	•
10.25-inch LCD instrumentation	•	•
Centre console storage compartment	•	•
Genuine leather-wrapped seats	•	•
Driver seat 8-way power adjustable	•	•
Driver seat 4-way lumbar power adjustment	•	•
Passenger seat 6-way power adjustable	•	•
Front seats ventilated & heated	•	•
Driver seat with position memory	•	•
Courtesy seating	•	•
Front dual cup holder	•	•
Front height-adjustable cup holder	•	•
Rear row central armrest (with dual cup holders)	•	•

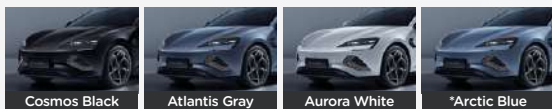
Automatic anti-dazzle interior rearview mirror	•	•
Rain-sensing frameless wipers	•	•
Metal door sill protectors	•	•
Front sunvisor with vanity mirror & lighting	•	•
<b>Entertainment</b>		
FM & DAB Radio	•	•
*Apple CarPlay* (USB) and Android Auto™ (wireless)	•	•
*Bluetooth* phone connectivity and audio streaming	•	•
15.6-inch intelligent rotating touch screen display	•	•
DYNAUDIO, 12 speakers	•	•
Voice assistant - English	•	•
*Satellite navigation	•	•
*Music streaming	•	•
1 x USB-C & 1 x USB-A, Front	•	•
1 x USB-C & 1 x USB-A, Rear	•	•
OTA updates	•	•

Light		
LED headlight	•	•
Follow me home headlight	•	•
LED daytime running light	•	•
LED tail light	•	•
Rear fog light	•	•
Sequential rear indicators	•	•
LED centre high mount stop light	•	•
RGB dynamic mood lights with rhythm function	•	•
LED front reading light	•	•
LED rear side reading light	•	•
Luggage compartment light	•	•
<b>Comfort and convenience</b>		
Keyless entry & start	•	•
NFC card key	•	•
Wireless phone charger × 2	•	•
12V accessory socket	•	•
PM2.5 filtration system	•	•
PM2.5 high efficiency filter (CN95)	•	•
Negative ion air purifier	•	•
Automatic dual-zone heat pump air-conditioning	•	•
Rear central air vents	•	•
Tyre repair kit	•	•
Emergency Kit	•	•

### Notice

- The real range is influenced by many factors such as individual driving style, load, traffic etc. The declared range is estimated for reference only.
- Bluetooth™ is a registered trademark of Bluetooth SIG, Inc. Compatibility and functionality varies depending on device.
- Apple CarPlay™ is a registered trademark of Apple Inc. Requires compatible device, USB connection.
- Android Auto™ is a registered trademark of Google Inc. Requires compatible device, and wireless Android Auto™ is compatible with an active data plan, 5 GHz Wi-Fi support, and the latest version.
- BYD provides free map update for 3 years.
- Music streaming requires data usage or over Wi-Fi.
- Colors depicted are a guide only and may vary from actual colors due to the printing.
- Driving assist system are not a substitute for the driver's responsibility of the vehicle.
- BYD reserves the right to vary vehicle specifications and standard features from those detailed in this brochure.

## EXTERIOR COLOR OPTIONS



\*Arctic Blue is available only for the BYD Seal Performance AWD variant.

## INTERIOR COLOR



## DIMENSIONS

