

# EBU AUTO

BYD Dolphin 2025 Smart Driving 520 km Knight



## Basic Information

Parameter	Value
Official RMB Guide Price	RMB 125,800
Brand	BYD
Vehicle Class	Small Car
Energy Type	Pure Electric
Launch Time	2025.02
Electric Motor Description	Pure Electric, 204 Ps
MIIT Pure Electric Range (km)	520
CLTC Pure Electric Range (km)	520
Charging Time	DC Fast Charge: 25 min; AC Slow Charge: 8.64 h
Fast Charge Range (%)	30-80
Maximum Power (kW)	150(204Ps)
Maximum Torque (N·m)	310
Transmission Description	Single-speed EV Transmission
Length x Width x Height (mm)	4280x1770x1570
Body Style	5-door 5-seat Hatchback
Top Speed (km/h)	160
Official 0-50 km/h Acceleration (s)	3.5
Official 0-100 km/h Acceleration (s)	-
Power Consumption (kWh/100 km)	12.9
Energy-equivalent Fuel Consumption (L/100 km)	1.5
Vehicle Warranty	6 years or 150,000 km

Parameter	Value
Estimated 60,000 km Maintenance Cost	RMB 2,600

## Body

Parameter	Value
Length	4280
Width	1770
Height	1570
Wheelbase	2700
Front Track	1530
Rear Track	1530
Min Clearance	-
Body Style	Hatchback
Number of Doors	5
Door Type	Conventional Doors
Number of Seats	5
Curb Weight (kg)	1600
Gross Vehicle Weight (kg)	2005
Luggage Compartment Volume (L)	345-1310
Minimum Turning Radius (m)	5.35m

## Electric Motor

Parameter	Value
Electric Motor Description	Pure Electric, 204 Ps
Motor Type	Permanent Magnet / Synchronous
Total Motor Power (kW)	150
Front Motor Power (Ps)	204
Total Motor Torque (N·m)	310
Front Motor Maximum Power (kW)	150
Front Motor Maximum Torque (N·m)	310
Rear Motor Maximum Power (kW)	-
Number of Drive Motors	Single Motor
Motor Layout	Front-mounted

## Battery / Charging

Parameter	Value
Battery Type	Lithium Iron Phosphate (LFP) Battery
Battery Technology	Blade Battery

Parameter	Value
Battery Manufacturer	FinDreams
Battery Warranty	Lifetime Warranty for First Owner (subject to official terms)
Battery Capacity (kWh)	60.48
Battery Energy Density (Wh/kg)	150.0
Battery C-rate	-
Charging Support	DC Fast Charge: 25 min; AC Slow Charge: 8.64 h; DC Fast-charging Port
Charging Time	DC Fast Charge: 25 min; AC Slow Charge: 8.64 h
DC Fast-charging Port	DC Fast-charging Port
Maximum DC Fast-charging Power (kW)	110
DC Charging Port Position	Right Front Fender
DC Charging Port Position - Right Fender	Right Front Fender
AC Charging Port Position	Right Front Fender
AC Charging Port Position - Right Fender	Right Front Fender
Battery Thermal Management - Heating	Standard
Battery Thermal Management - Cooling	Direct Cooling
One-pedal Mode	-
VTOL External Discharge	Standard
Maximum External Discharge Power (kW)	3.3kW
V-to-V Maximum External Discharge Power (kW)	-

## Transmission

Parameter	Value
Transmission Description	Single-speed EV Transmission
Number of Gears	1
Transmission Type	Fixed-ratio Transmission

## Chassis / Steering

Parameter	Value
Drive Type	Front-mounted FWD
Front Suspension	MacPherson Independent Suspension
Rear Suspension	Multi-link Independent Suspension
Steering Assistance	Electric Power Steering
Body Construction	Unibody

## Wheels / Brakes

Parameter	Value
Front Brake Type	Ventilated Disc

Parameter	Value
Rear Brake Type	Solid Disc
Parking Brake Type	Electronic Parking Brake
Front Tire Size	205/50 R17
Rear Tire Size	205/50 R17
Spare Tire	-
Active Safety	-
ABS	Standard
Electronic Brakeforce Distribution	Standard
Brake Assist	Standard
Traction Control	Standard
Electronic Stability Control	Standard
Active Safety Warning Systems	Lane Departure Warning; Front Collision Warning; Rear Collision Warning; Rear Cross Traffic Alert; Door Opening Warning; Front Cross Traffic Alert; Front Cross Traffic Braking
Lane Departure Warning	Lane Departure Warning
Front Collision Warning	Front Collision Warning
Rear Collision Warning	Rear Collision Warning
Rear Cross Traffic Alert	Rear Cross Traffic Alert
Door Opening Warning	Door Opening Warning
Front Cross Traffic Alert	Front Cross Traffic Alert
Front Cross Traffic Braking	Front Cross Traffic Braking
Autonomous Emergency Braking	Standard
Lane Change Assist	Standard
Lane Keeping Assist	Standard
Lane Centering	Standard
Driver Fatigue Warning	-
Active Driver Monitoring	-
In-cabin Vital Sign Detection	-
Traffic Sign Recognition	Standard
Traffic Light Recognition	-
Night Vision	-
Passive Safety	-
Front Airbags	Driver Seat; Front Passenger Seat
Driver Airbag	Driver Seat
Front Passenger Airbag	Front Passenger Seat
Side Airbags	Front Row
Front Side Airbags	Front Row
Side Curtain Airbags	Standard
Front Knee Airbags	-

Parameter	Value
Front Center Airbag	-
Seat Belt Reminder	Standard
Tire Pressure Monitoring	Tire Pressure Display
ISOFIX Child Seat Anchors	Standard
Passive Pedestrian Protection	-
Run-flat Tires	-
Driver Assistance / Controls	-
Parking Sensors	Front; Rear
Front Parking Sensors	Front
Rear Parking Sensors	Rear
Front Vehicle Departure Alert	-
Narrow Road Assist	Standard
Parking / Driving Camera	Reversing Camera; 360° Panoramic Camera; Transparent Chassis View
Reversing Camera	Reversing Camera
360° Panoramic Camera	360° Panoramic Camera
Transparent Chassis View	Transparent Chassis View
Cruise Control Systems	Cruise Control; Adaptive Cruise Control; Full-speed Adaptive Cruise Control
Cruise Control	Cruise Control
Adaptive Cruise Control	Adaptive Cruise Control
Full-speed Adaptive Cruise Control	Full-speed Adaptive Cruise Control
Automatic Lane Change Assist	Standard
Automatic Ramp Entry / Exit	Standard
Navigation-assisted Driving	Highway Navigation Assist
Highway Navigation Assist	Highway Navigation Assist
Driving Assistance Level	Level 2
Automatic Parking	Standard
Track-back Reversing	-
Memory Parking	-
Automated Valet Parking	Standard
Auto Hold	Standard
Hill-start Assist	Standard
Hill Descent Control	-
Adjustable Suspension	-
Air Suspension	-
Air Suspension Type	-
Electromagnetic Suspension	-
Variable Steering Ratio	-
Front Axle Limited-slip Type	-

Parameter	Value
Rear Axle Limited-slip Type	-
Center Differential Lock	-
Integral Active Steering	-
Drive Modes	Sport; Snow; ECO; Standard / Comfort
Sport Mode	Sport
Snow Mode	Snow
ECO Mode	ECO
Standard / Comfort Mode	Standard / Comfort
Regenerative Braking	Standard
Comfort Braking	Standard
Low-speed Pedestrian Warning Sound	Standard
Exterior Features	-
Sunroof Type	Panoramic Glass Roof
Panoramic Roof Sunshade	Standard
Electrochromic Panoramic Roof	-
Roof Rails	-
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	-
Alloy Wheels	Standard
Frameless Doors	-
Hidden Door Handles	-
Tow Hook	-
Interior Features	-
Steering Wheel Material	Leather
Leather Steering Wheel	Leather
Plastic Steering Wheel	-
Steering Wheel Adjustment	Tilt and Telescopic
Power Steering Wheel Adjustment	-
Steering Wheel Functions	Multifunction Controls
Multifunction Steering Wheel	Multifunction Controls
Gear Selector Type	Electronic Column Shifter
Electronic Column Shifter	Electronic Column Shifter
Electronic Rotary Selector	-
Instrument Cluster Type	Full LCD
Instrument Display Size (in)	8.8
5-inch Instrument Display	-
8.8-inch Instrument Display	8.8

Parameter	Value
Comfort / Anti-theft	-
Power Doors	-
Power Tailgate	-
Hands-free Tailgate	-
Power Tailgate Position Memory	-
Central Locking	Standard
Key Types	Smart Remote Key; NFC / RFID Key; Bluetooth Phone Key
Smart Remote Key	Smart Remote Key
NFC / RFID Key	NFC / RFID Key
Bluetooth Phone Key	Bluetooth Phone Key
Keyless Entry	Driver Seat
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Movement	Standard
Remote Summon	-
Head-up Display	-
Built-in Dashcam	Standard
Factory ETC	Standard
Active Noise Cancellation	-
Wireless Phone Charging	Standard
Maximum Wireless Charging Power (W)	50
15 W Wireless Charging	-
50 W Wireless Charging	50
Power Outlets	-
12 V Luggage Compartment Outlet	-
Seats	-
Seat Upholstery	Synthetic Leather
Sport Seats	-
Second-row Independent Seats	-
Power Seat Adjustment	Driver Seat; Front Passenger Seat
Driver Seat Adjustment	Driver Seat
Front Passenger Seat Adjustment	Front Passenger Seat
Foldable Third-row Seats	-
Driver Seat Overall Adjustment	Fore/aft Adjustment; Backrest Angle Adjustment; Height Adjustment
Driver Seat Fore/aft Adjustment	Fore/aft Adjustment
Driver Seat Backrest Adjustment	Backrest Angle Adjustment
Driver Seat Height Adjustment	Height Adjustment
Driver Seat Partial Adjustment	Headrest

Parameter	Value
<b>Driver Headrest Adjustment</b>	Headrest
<b>Front Passenger Seat Overall Adjustment</b>	Fore/aft Adjustment; Backrest Angle Adjustment
<b>Front Passenger Seat Fore/aft Adjustment</b>	Fore/aft Adjustment
<b>Front Passenger Seat Backrest Adjustment</b>	Backrest Angle Adjustment
<b>Front Passenger Seat Partial Adjustment</b>	Headrest
<b>Front Passenger Headrest Adjustment</b>	Headrest
<b>Second-row Seat Controls</b>	-
<b>Second-row Seat Adjustment</b>	-
<b>Front Seat Functions</b>	Heating; Ventilation
<b>Front Seat Heating</b>	Heating
<b>Front Seat Ventilation</b>	Ventilation
<b>Rear Seat Functions</b>	-
<b>Rear Passenger-adjustable Front Passenger Seat</b>	-
<b>Center Armrests</b>	Front Row; Rear Row
<b>Front Center Armrest</b>	Front Row
<b>Rear Center Armrest</b>	Rear Row
<b>Rear Cup Holders</b>	Standard
<b>Heated / Cooled Cup Holder</b>	-
<b>Second-row Seat Folding</b>	40:60
<b>Second-row Tray Table</b>	-
<b>Smart Connectivity</b>	-
<b>Center Display Size (in)</b>	12.8
<b>Center Display Type</b>	-
<b>Rotating Center Display</b>	-
<b>GPS Navigation</b>	Standard
<b>AR Navigation</b>	-
<b>Navigation System</b>	Standard
<b>Map Provider</b>	Baidu Maps
<b>Baidu Maps</b>	Baidu Maps
<b>Amap</b>	-
<b>Location Services</b>	-
<b>Bluetooth / Hands-free Calling</b>	Standard
<b>Phone Integration</b>	-
<b>Connected Car Services</b>	Standard
<b>Mobile Data Network</b>	5G
<b>4G Network</b>	5G
<b>5G Network</b>	-
<b>OTA Updates</b>	Standard

Parameter	Value
Facial Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition System	Standard
Wake-word-free Voice Control	Standard
Voice Wake-up Zones	Dual-zone
Front-row Voice Wake-up	Dual-zone
Second-row Voice Wake-up	-
Voice Control Functions	Standard
Visible-to-speak	Standard
Voice Wake-up Phrase	Hi, Xiaodi
Gesture Control	-
Wi-Fi	Standard
Infotainment	-
Multi-finger Screen Gestures	-
App Store	Standard
Media Interfaces	SD Card Slot; USB / Type-C
SD Card Slot	SD Card Slot
USB / Type-C	USB / Type-C
USB / Type-C Port Count	Front: 2; Rear: 2
Front USB / Type-C Port Count	Front: 2
Rear USB / Type-C Port Count	Rear: 2
Maximum USB / Type-C Charging Power	Front: 60 W; Rear: 18 W
Front USB / Type-C Max Power - 60 W	Front: 60 W
Rear USB / Type-C Max Power - 18 W	Rear: 18 W
Front USB / Type-C Max Power - 10 W	-
Rear USB / Type-C Max Power - 10 W	-
In-car TV	-
Rear Display	-
External Sound Simulation	-
Audio Brand	-
Speaker Count	6
Rear Touch Control	-
Lighting	-
Low-beam Headlight Type	LED
High-beam Headlight Type	LED
Daytime Running Lights	Standard

Parameter	Value
<b>Adaptive High / Low Beam</b>	Standard
<b>Automatic Headlights</b>	Standard
<b>Cornering Lights</b>	-
<b>Front Fog Lights</b>	-
<b>Steering-responsive Headlights</b>	-
<b>Headlight Height Adjustment</b>	Standard
<b>Headlight Washers</b>	-
<b>Interior Ambient Lighting</b>	Multi-color
<b>Active Ambient Lighting</b>	Standard
<b>Active Ambient Lighting - Standard</b>	Standard
<b>Special Lighting Functions</b>	-
<b>Light Projection Technology</b>	-
<b>Follow-me-home Headlights</b>	Standard
<b>Rain / Fog Headlight Mode</b>	-
<b>Glass / Mirrors</b>	-
<b>Power Windows</b>	Front Row; Rear Row
<b>Front Power Windows</b>	Front Row
<b>Rear Power Windows</b>	Rear Row
<b>One-touch Window Operation</b>	All Windows
<b>Anti-pinch Windows</b>	Standard
<b>Exterior Mirror Functions</b>	Power Adjustment; Heating; Power Folding; Auto-fold on Lock
<b>Power-adjustable Exterior Mirrors</b>	Power Adjustment
<b>Heated Exterior Mirrors</b>	Heating
<b>Power-folding Exterior Mirrors</b>	Power Folding
<b>Auto-folding Mirrors on Lock</b>	Auto-fold on Lock
<b>Interior Mirror Functions</b>	-
<b>Vanity Mirrors</b>	Driver Vanity Mirror with Light; Front Passenger Vanity Mirror with Light
<b>Driver Vanity Mirror with Light</b>	Driver Vanity Mirror with Light
<b>Front Passenger Vanity Mirror with Light</b>	Front Passenger Vanity Mirror with Light
<b>Rear Privacy Glass</b>	-
<b>Sunshades</b>	-
<b>Rain-sensing Wipers</b>	Standard
<b>Rear Wiper</b>	Standard
<b>Acoustic Laminated Glass</b>	-
<b>Heated Windshield</b>	-
<b>Heated Washer Nozzles</b>	-
<b>Climate Control / Refrigerator</b>	-
<b>Climate Control Type</b>	Automatic

Parameter	Value
<b>Independent Rear Climate Control</b>	-
<b>Rear Air Vents</b>	Standard
<b>Climate Zones</b>	-
<b>Air Purifier</b>	-
<b>PM2.5 Filter</b>	Standard
<b>Negative Ion Generator</b>	-
<b>In-car Fragrance System</b>	-
<b>AQS Air Quality Management</b>	-
<b>In-car Refrigerator</b>	Standard
<b>Refrigerator Functions</b>	Heating; Cooling
<b>Refrigerator Heating</b>	Heating
<b>Refrigerator Cooling</b>	Cooling

## Smart Features

Parameter	Value
<b>Driving Assistance System</b>	DiPilot 100
<b>DiPilot 100</b>	DiPilot 100
<b>DiPilot</b>	-
<b>Driving Assistance Chip</b>	NVIDIA DRIVE Orin N
<b>NVIDIA DRIVE Orin N</b>	NVIDIA DRIVE Orin N
<b>Driving Chip Computing Power (TOPS)</b>	84
<b>84 TOPS</b>	84
<b>In-vehicle Smart System</b>	DiLink
<b>DiLink</b>	DiLink
<b>Infotainment Chip</b>	D100
<b>D100</b>	D100
<b>System Memory (GB)</b>	12
<b>6 GB Memory</b>	-
<b>12 GB Memory</b>	12
<b>System Storage (GB)</b>	256
<b>64 GB Storage</b>	-
<b>256 GB Storage</b>	256
<b>Mobile App Remote Functions</b>	Digital Key; Vehicle Monitoring; Remote Control; Charging Management; Service Appointment
<b>Digital Key</b>	Digital Key
<b>Vehicle Monitoring</b>	Vehicle Monitoring
<b>Remote Control</b>	Remote Control
<b>Charging Management</b>	Charging Management
<b>Service Appointment</b>	Service Appointment

Parameter	Value
Heat Pump System	Standard
Maximum Forward Detection Distance (m)	350
350 m Forward Detection	350
Exterior Camera Count	12
Exterior Camera Resolution	8 MP x 3
8 MP x 3 Exterior Cameras	8 MP x 3
Interior Camera Resolution	-
Ultrasonic Sensor Count	12
Millimeter-wave Radar Count	5
Sub-meter High-precision Positioning	-
High-definition Map	-
Sentry / Remote View Mode	Standard
V2X Communication	-
Optional Packages	-
Custom Options	Optional Exterior, Interior, Wheels and Brakes
500,000th Vehicle Commemorative Embroidery	-
500,000th Vehicle Commemorative Embroidery	-
500,000th Vehicle Commemorative Embroidery	-
500,000th Vehicle Commemorative Embroidery	-
Heatwave Crimson Exterior Package	-
Heatwave Crimson Exterior Package	-
Special Features	-
Manually Rotating Floating Screen	-
Manually Rotating Floating Screen	-
VTOL Mobile Power Station	-
VTOL Mobile Power Station	-
Adaptive Rotating Floating Screen	-
Adaptive Rotating Floating Screen	-