

# EBU AUTO

BYD Dolphin 2023 Knight



## Basic Information

| Parameter                                     | Value  |
|---|--|
| Official RMB Guide Price                      | RMB 136,800                                    |
| Brand   | BYD  |
| Vehicle Class                                 | Small Car                                      |
| Energy Type                                   | Pure Electric                                  |
| Launch Time                                   | 2022.12  |
| Electric Motor Description                    | Pure Electric, 177 Ps                          |
| MIIT Pure Electric Range (km)                 | 401  |
| CLTC Pure Electric Range (km)                 | -  |
| Charging Time                                 | DC Fast Charge: 30 min; AC Slow Charge: 6.41 h |
| Fast Charge Range (%)                         | 30-80  |
| Maximum Power (kW)                            | 130(177Ps)                                     |
| Maximum Torque (N·m)                          | 290  |
| Transmission Description                      | Single-speed EV Transmission                   |
| Length x Width x Height (mm)                  | 4150x1770x1570                                 |
| Body Style                                    | 5-door 5-seat Hatchback                        |
| Top Speed (km/h)                              | 160  |
| Official 0-50 km/h Acceleration (s)           | 3  |
| Official 0-100 km/h Acceleration (s)          | 7.5  |
| Power Consumption (kWh/100 km)                | 11.3   |
| Energy-equivalent Fuel Consumption (L/100 km) | 1.3  |
| Vehicle Warranty                              | 6 years or 150,000 km                          |

| Parameter                            | Value     |
|--------------------------------------|-----------|
| Estimated 60,000 km Maintenance Cost | RMB 1,748 |

## Body

| Parameter                      | Value              |
|--------------------------------|--------------------|
| Length                         | 4150               |
| 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)               | 1450               |
| Gross Vehicle Weight (kg)      | 1825               |
| Luggage Compartment Volume (L) | 345-1310           |
| Minimum Turning Radius (m)     | 5.25m              |

## Electric Motor

| Parameter                        | Value                          |
|----------------------------------|--------------------------------|
| Electric Motor Description       | Pure Electric, 177 Ps          |
| Motor Type                       | Permanent Magnet / Synchronous |
| Total Motor Power (kW)           | 130                            |
| Front Motor Power (Ps)           | 177                            |
| Total Motor Torque (N·m)         | 290                            |
| Front Motor Maximum Power (kW)   | 130                            |
| Front Motor Maximum Torque (N·m) | 290                            |
| 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                         | BYD   |
| Battery Warranty                             | Lifetime Warranty for First Owner (subject to official terms)         |
| Battery Capacity (kWh)                       | 44.9  |
| Battery Energy Density (Wh/kg)               | 140.0   |
| Battery C-rate                               | -   |
| Charging Support                             | DC Fast Charge: 30 min; AC Slow Charge: 6.41 h; DC Fast-charging Port |
| Charging Time                                | DC Fast Charge: 30 min; AC Slow Charge: 6.41 h                        |
| DC Fast-charging Port                        | DC Fast-charging Port   |
| Maximum DC Fast-charging Power (kW)          | 60  |
| DC Charging Port Position                    | -   |
| DC Charging Port Position - Right Fender     | -   |
| AC Charging Port Position                    | -   |
| AC Charging Port Position - Right Fender     | -   |
| Battery Thermal Management - Heating         | Standard  |
| Battery Thermal Management - Cooling         | Liquid Cooling  |
| One-pedal Mode                               | Standard  |
| 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     | Torsion Beam Non-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 |
| Lane Departure Warning             | Lane Departure Warning                          |
| Front Collision Warning            | Front Collision Warning                         |
| Rear Collision Warning             | -   |
| Rear Cross Traffic Alert           | -   |
| Door Opening Warning               | -   |
| Front Cross Traffic Alert          | -   |
| Front Cross Traffic Braking        | -   |
| Autonomous Emergency Braking       | Standard  |
| Lane Change Assist                 | -   |
| Lane Keeping Assist                | Standard  |
| Lane Centering                     | -   |
| 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                 | -   |
| Front Center Airbag                | -   |

| Parameter                          | Value   |
|------------------------------------|---|
| 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                 | -   |
| Parking / Driving Camera           | Reversing Camera; 360° Panoramic Camera                                     |
| Reversing Camera                   | Reversing Camera  |
| 360° Panoramic Camera              | 360° Panoramic Camera   |
| 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       | -   |
| Automatic Ramp Entry / Exit        | -   |
| Navigation-assisted Driving        | -   |
| Highway Navigation Assist          | -   |
| Driving Assistance Level           | Level 2   |
| Automatic Parking                  | -   |
| Track-back Reversing               | -   |
| Memory Parking                     | -   |
| Automated Valet Parking            | -   |
| 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       | -   |
| Rear Axle Limited-slip Type        | -   |

| Parameter                          | Value                                |
|------------------------------------|--------------------------------------|
| 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                    | -                                    |
| Low-speed Pedestrian Warning Sound | Standard                             |
| Exterior Features                  | -                                    |
| Sunroof Type                       | Panoramic Glass Roof                 |
| Panoramic Roof Sunshade            | -                                    |
| Electrochromic Panoramic Roof      | -                                    |
| Roof Rails                         | -                                    |
| Sport Appearance Package           | -                                    |
| Power Spoiler                      | -                                    |
| Active Grille Shutters             | -                                    |
| Alloy Wheels                       | Standard                             |
| Frameless Doors                    | -                                    |
| Hidden Door Handles                | Standard                             |
| Tow Hook                           | -                                    |
| Interior Features                  | -                                    |
| Steering Wheel Material            | Leather                              |
| Leather Steering Wheel             | Leather                              |
| Plastic Steering Wheel             | -                                    |
| Steering Wheel Adjustment          | Tilt Adjustment                      |
| Power Steering Wheel Adjustment    | -                                    |
| Steering Wheel Functions           | Multifunction Controls               |
| Multifunction Steering Wheel       | Multifunction Controls               |
| Gear Selector Type                 | -                                    |
| Electronic Column Shifter          | -                                    |
| Electronic Rotary Selector         | -                                    |
| Instrument Cluster Type            | Full LCD                             |
| Instrument Display Size (in)       | 5                                    |
| 5-inch Instrument Display          | 5                                    |
| 8.8-inch Instrument Display        | -                                    |
| Comfort / Anti-theft               | -                                    |

| Parameter                           | Value   |
|-------------------------------------|---|
| 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                         | -   |
| Active Noise Cancellation           | -   |
| Wireless Phone Charging             | Standard  |
| Maximum Wireless Charging Power (W) | 15  |
| 15 W Wireless Charging              | 15  |
| 50 W Wireless Charging              | -   |
| 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      | -   |
| Driver Headrest Adjustment          | -   |

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

| Parameter                           | Value                   |
|-------------------------------------|-------------------------|
| Fingerprint Recognition             | -                       |
| Voiceprint Recognition              | -                       |
| Emotion Recognition                 | -                       |
| Voice Recognition System            | Standard                |
| Wake-word-free Voice Control        | Standard                |
| Voice Wake-up Zones                 | Single-zone             |
| Front-row Voice Wake-up             | -                       |
| Second-row Voice Wake-up            | Single-zone             |
| Voice Control Functions             | -                       |
| Visible-to-speak                    | -                       |
| Voice Wake-up Phrase                | Hi, Xiaodi              |
| Gesture Control                     | -                       |
| Wi-Fi                               | Standard                |
| Infotainment                        | -                       |
| Multi-finger Screen Gestures        | -                       |
| App Store                           | Standard                |
| Media Interfaces                    | USB / Type-C            |
| SD Card Slot                        | -                       |
| USB / Type-C                        | USB / Type-C            |
| USB / Type-C Port Count             | Front: 2; Rear: 1       |
| Front USB / Type-C Port Count       | Front: 2                |
| Rear USB / Type-C Port Count        | Rear: 1                 |
| Maximum USB / Type-C Charging Power | Front: 10 W; Rear: 10 W |
| Front USB / Type-C Max Power - 60 W | -                       |
| Rear USB / Type-C Max Power - 18 W  | -                       |
| Front USB / Type-C Max Power - 10 W | Front: 10 W             |
| Rear USB / Type-C Max Power - 10 W  | Rear: 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                |
| Adaptive High / Low Beam            | Standard                |

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

| Parameter                  | Value    |
|----------------------------|----------|
| Rear Air Vents             | -        |
| Climate Zones              | -        |
| Air Purifier               | -        |
| PM2.5 Filter               | Standard |
| Negative Ion Generator     | -        |
| In-car Fragrance System    | -        |
| AQS Air Quality Management | -        |
| In-car Refrigerator        | -        |
| Refrigerator Functions     | -        |
| Refrigerator Heating       | -        |
| Refrigerator Cooling       | -        |

## Smart Features

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

| Parameter                                  | Value  |
|--|--|
| Maximum Forward Detection Distance (m)     | -  |
| 350 m Forward Detection                    | -  |
| Exterior Camera Count                      | 6  |
| Exterior Camera Resolution                 | -  |
| 8 MP x 3 Exterior Cameras                  | -  |
| Interior Camera Resolution                 | -  |
| Ultrasonic Sensor Count                    | 5  |
| Millimeter-wave Radar Count                | -  |
| Sub-meter High-precision Positioning       | -  |
| High-definition Map                        | -  |
| Sentry / Remote View Mode                  | -  |
| 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          | -  |