

# EBU AUTO

## BYD Qin PLUS EV 2021 600 km Flagship

2021-2025 BYD Qin PLUS EV | Pure Electric / EV | Compact Sedan

| Item                 | Value                        |
|----------------------|------------------------------|
| Official Guide Price | RMB 178,800                  |
| USD Reference Price  | USD 26,294                   |
| Drive                | Front-mountedFWD             |
| Range                | -                            |
| Battery              | 71.7                         |
| Motor Power          | 135                          |
| Transmission         | Single-speed EV transmission |
| Body                 | Sedan                        |

### Basic Information

| Parameter  | Value                        |
|--|------------------------------|
| Official Guide Price                                   | 17.88                        |
| Manufacturer   | BYD                          |
| Segment  | Compact car                  |
| Energy Type  | Pure electric                |
| Launch Time  | 2021.04                      |
| Motor Description                                      | Pure electric 184 hp         |
| Range (km)   | 600                          |
| Range (km)CLTC   | -                            |
| Charging   | 30 min 10.24 h               |
| Fast Charging Window (%)                               | 30-80                        |
| Maximum Power (kW)                                     | 135(184Ps)                   |
| Maximum Torque (N·m)                                   | 280                          |
| Transmission   | Single-speed EV transmission |
| Length x Width x Height (mm)                           | 4765x1837x1515               |
| Body Structure   | 45Sedan                      |
| Maximum Speed (km/h)                                   | 150                          |
| 0—50km/h (s)   | 4                            |
| Official 0-100 km/h Acceleration (s)                   | 9                            |
| Electricity Consumption (kWh/100 km)                   | 12.9                         |
| Electric Energy Equivalent Fuel Consumption (L/100 km) | 1.46                         |
| Vehicle Warranty                                       | 615                          |
| 6  | 7006.0                       |

### Body

| Parameter | Value |
|-----------|-------|
| (mm)      | 4765  |
| (mm)      | 1837  |

| Parameter                 | Value                     |
|---------------------------|---------------------------|
| (mm)                      | 1515                      |
| Wheelbase (mm)            | 2718                      |
| Front Track (mm)          | 1580                      |
| Rear Track (mm)           | 1580                      |
| Minimum (mm)              | -                         |
| Body Structure            | Sedan                     |
| Number of Doors           | 4                         |
| Door                      | Conventional hinged doors |
| Number of Seats           | 5                         |
| Curb Weight (kg)          | 1820                      |
| Gross Vehicle Weight (kg) | 2195                      |
| Trunk Capacity (L)        | 441                       |
| Minimum                   | -                         |

## ***Electric Motor***

| Parameter                        | Value                          |
|----------------------------------|--------------------------------|
| Motor                            | Pure electric 184 hp           |
| Type                             | Permanent magnet / synchronous |
| Total Motor Power (kW)           | 135                            |
| Total Motor Horsepower (Ps)      | 184                            |
| Total Motor Torque (N-m)         | 280                            |
| Front Motor Maximum Power (kW)   | 135                            |
| Front Motor Maximum Torque (N-m) | 280                            |
| Number of Drive Motors           | Single motor                   |
| Motor Layout                     | Front-mounted                  |

## ***Battery / Charging***

| Parameter  | Value             |
|--|-------------------|
| Battery Type                                       | LFP battery       |
| Battery Technology                                 | Blade battery     |
| Battery Cell Brand                                 | BYD               |
| Battery Pack Warranty                              | ()                |
| Battery Capacity (kWh)                             | 71.7              |
| Battery Energy Density (Wh/kg)                     | 140.0             |
| Battery Charging                                   | -                 |
| Battery Charging                                   | 30 min 10.24 h; • |
| Battery Charging Charging                          | 30 min 10.24 h    |
| Battery Charging                                   | •                 |
| Maximum Power (kw)                                 | 90                |
| DC Charging Port Position                          | -                 |
| DC Charging Port Position (Right side fuel filler) | -                 |
| AC Charging Port Position                          | -                 |
| AC Charging Port Position (Right side fuel filler) | -                 |

| Parameter         | Value          |
|-------------------|----------------|
| Battery System    | ● Standard     |
| Battery System    | Liquid cooling |
| One-pedal Mode    | ● Standard     |
| VTOLFunction      | ● Standard     |
| VTOLMaximum Power | 3.3kW          |
| VTOVMaximum Power | -              |

## Transmission

| Parameter                | Value                        |
|--------------------------|------------------------------|
| Transmission Description | Single-speed EV transmission |
| Number of Gears          | 1                            |
| Transmission Type        | Single-speed gearbox         |

## Chassis / Steering

| Parameter              | Value                             |
|------------------------|-----------------------------------|
| Drive Type             | Front-mountedFWD                  |
| Front                  | MacPherson independent suspension |
| Rear                   | Multi-link independent suspension |
| Type                   | Electric power steering           |
| Vehicle Body Structure | Unibody                           |

## Wheels / Brakes & Features

| Parameter                | Value              |
|--------------------------|--------------------|
| Front Brake Type         | Ventilated disc    |
| Rear Brake Type          | Disc               |
| Parking Brake Type       | Electronic parking |
| Front Tire Size          | 235/45 R18         |
| Rear Tire Size           | 235/45 R18         |
| Spare Tire Specification | -                  |
| Active Safety            | -                  |
| ABS                      | ● Standard         |
| (EBD/CBC)                | ● Standard         |
| Assist (EBA/BA)          | ● Standard         |
| Control (TCS/ASR)        | ● Standard         |
| Body System (ESP/DSC)    | ● Standard         |
| System                   | • ; • ; • ; •      |
| System                   | •                  |
| System Front             | •                  |
| System Rear              | •                  |
| System                   | •                  |
| System DOW               | -                  |
| System Front             | -                  |
| System Front             | -                  |

| Parameter                                  | Value  |
|--|--|
| Autonomous Emergency Braking               | ● Standard   |
| Assist                                     | ● Standard   |
| Assist System                              | ● Standard   |
| Lane Centering                             | -  |
| Driving                                    | -  |
| DMS  | -  |
| In-cabin Vital Signs Detection             | -  |
| Traffic Sign Recognition                   | ● Standard   |
| Traffic Light Recognition                  | -  |
| System                                     | -  |
| Passive Safety                             | -  |
| Front Airbag                               | • Driver seat; • Passenger seat                            |
| Front Airbag Driving                       | • Driver seat  |
| Front Airbag Driving                       | • Passenger seat   |
| Airbag                                     | • Front row  |
| Airbag Front                               | • Front row  |
| Side Curtain Airbags                       | ● Standard   |
| Front Airbag                               | -  |
| Airbag                                     | -  |
| Seat Belt Reminder                         | ● Standard   |
| System                                     | Tire pressure display                                      |
| Seat (ISOFIX)                              | ● Standard   |
| Pedestrian Protection                      | -  |
| Tire                                       | -  |
| Assist /Feature                            | -  |
| Radar                                      | • ; •  |
| Radar Front                                | •  |
| Radar Rear                                 | •  |
| Front                                      | -  |
| Assist                                     | -  |
| Driving Assist Camera View                 | • Reverse camera; • 360°Panoramic camera                   |
| Driving Assist Camera View Camera View     | • Reverse camera   |
| Driving Assist Camera View 360°Camera View | • 360°Panoramic camera                                     |
| Cruise System                              | • Cruise control; • ; • Full-speed adaptive cruise control |
| Cruise System Cruise                       | • Cruise control   |
| Cruise System Cruise                       | •  |
| Cruise System Cruise                       | • Full-speed adaptive cruise control                       |
| Automatic Assist                           | -  |
| Automatic ■■                               | -  |
| Assist Driving                             | -  |
| Assist Driving                             | -  |
| Assist Driving                             | L2   |
| Automatic                                  | -  |

| Parameter                                | Value            |
|--|------------------|
| Reverse Track Assist                     | -                |
| Memory Parking                           | -                |
| Automatic                                | -                |
| Automatic (AUTOHOLD)                     | ● Standard       |
| Assist (HAC)                             | ● Standard       |
| (HDC)                                    | -                |
| Adjustable Suspension                    | -                |
| Air Suspension                           | -                |
| Type                                     | -                |
| Electromagnetic Suspension               | -                |
| System                                   | -                |
| Front                                    | -                |
| Rear                                     | -                |
| Function                                 | -                |
| System                                   | -                |
| Driving                                  | •; •; • ECO; •   |
| Driving                                  | •                |
| Driving                                  | •                |
| Driving ECO/                             | • ECO            |
| Driving                                  | •                |
| System                                   | ● Standard       |
| Comfort Brake                            | -                |
| Low-speed Acoustic Alert                 | ● Standard       |
| Feature                                  | -                |
| Sunroof Type                             | • Single sunroof |
| Sunroof Type Sunroof                     | • Single sunroof |
| Intelligent                              | -                |
| Roof Rails                               | -                |
| Sport Appearance Package                 | -                |
| Power Spoiler                            | -                |
| Active Grille Shutter                    | -                |
| Alloy Wheels                             | ● Standard       |
| Door                                     | -                |
| Hidden Door Handles                      | -                |
| Tow Hook                                 | -                |
| Feature                                  | -                |
| Steering Wheel Material                  | •                |
| Steering Wheel Material                  | •                |
| Steering Wheel Material                  | -                |
| Steering Wheel                           | +                |
| Steering Wheel                           | -                |
| Steering Wheel Function                  | •                |
| Steering Wheel Function Function Control | •                |

| Parameter                                      | Value                           |
|--|---------------------------------|
| Gear Selector Type                             | -                               |
| Gear Selector Type (Electronic column shifter) | -                               |
| Gear Selector Type (Electronic gear lever)     | -                               |
| Gear Selector Type (Electronic rotary knob)    | -                               |
| Instrument Cluster Style                       | Full LCD                        |
| Size ()  | •                               |
| Size ()  | •                               |
| Size () 3.5                                    | -                               |
| Size () 5                                      | -                               |
| Size () 8.8                                    | -                               |
| /Feature                                       | -                               |
| Soft-close Doors                               | -                               |
| Rear   | -                               |
| Rear   | -                               |
| Rear   | -                               |
| Central Lock                                   | ● Standard                      |
| Key Type                                       | • Remote key; • Bluetooth key   |
| Key Type Intelligent Key                       | • Remote key                    |
| Key Type Key                                   | • Bluetooth key                 |
| Key Type NFC/RFIDKey                           | -                               |
| Key  | Front row                       |
| Key  | ● Standard                      |
| Remote   | ● Standard                      |
| Remote Vehicle Move                            | ● Standard                      |
| Function                                       | -                               |
| System (HUD)                                   | -                               |
| Built-in Driving Recorder                      | ● Standard                      |
| ETC  | -                               |
| Active Noise Cancellation                      | -                               |
| Charging                                       | ● Standard                      |
| Charging Maximum Power (W)                     | 15                              |
| Charging Maximum Power (W) 15                  | 15                              |
| 110V/220V/230V                                 | -                               |
| 12V  | -                               |
| Seat Feature                                   | -                               |
| Seat Material                                  | Synthetic leather               |
| Seat   | ● Standard                      |
| Seat   | -                               |
| Seat   | • Driver seat; • Passenger seat |
| Seat Driving                                   | • Driver seat                   |
| Seat Driving                                   | • Passenger seat                |
| Rear Seat                                      | -                               |
| Seat   | •; •; •                         |

| Parameter                              | Value          |
|--|----------------|
| Seat Front Rear                        | •              |
| Seat                                   | •              |
| Seat                                   | •              |
| Seat                                   | -              |
| Seat                                   | -              |
| Seat                                   | •;•            |
| Seat Front Rear                        | •              |
| Seat                                   | •              |
| Seat                                   | -              |
| Seat                                   | -              |
| Seat                                   | -              |
| Seat                                   | -              |
| Front Seat Function                    | •              |
| Front Seat Function                    | •              |
| Front Seat Function (Driving )         | -              |
| Seat Function                          | •              |
| Seat Function                          | •              |
| Boss Button                            | -              |
| Front /Rear                            | • Front row; • |
| Front /Rear Front                      | • Front row    |
| Front /Rear Rear                       | •              |
| Rear                                   | ● Standard     |
| /                                      | -              |
| Rear Seat                              | 40:60          |
| Second-row Tray Table                  | -              |
| Intelligent                            | -              |
| Size ( )                               | 12.8           |
| Material                               | -              |
| Material LCD                           | -              |
| /                                      | ● Standard     |
| System                                 | ● Standard     |
| AR                                     | -              |
| Navigation Traffic Information Display | ● Standard     |
| Map                                    | -              |
| Map                                    | -              |
| Map                                    | -              |
| Map                                    | -              |
| Roadside Assistance Service            | -              |
| /                                      | ● Standard     |
| Smartphone Connectivity / Mirroring    | -              |
| Connected Vehicle                      | ● Standard     |
| 4G/5G                                  | • 4G           |
| 4G/5G 4G                               | • 4G           |

| Parameter                                  | Value             |
|--|-------------------|
| 4G/5G 5G                                   | -                 |
| OTA  | ● Standard        |
| Face Recognition                           | -                 |
| Fingerprint Recognition                    | -                 |
| Voiceprint Recognition                     | -                 |
| Emotion Recognition                        | -                 |
| Control System                             | ● Standard        |
| Function                                   | -                 |
| Function                                   | •                 |
| Function                                   | -                 |
| Function                                   | •                 |
| Continuous Voice Recognition               | -                 |
| Visible-to-speak Function                  | -                 |
| Voice Assistant Wake-up Words              | Hi, Di            |
| Control Function                           | -                 |
| Wi-Fi                                      | ● Standard        |
| Audio / Video Entertainment                | -                 |
| Multi-finger Screen Transfer Control       | -                 |
| App Store                                  | ● Standard        |
| Multimedia Interface                       | • USB/Type-C      |
| SD   | -                 |
| USB/Type-C                                 | • USB/Type-C      |
| USB/Type-CQuantity                         | • Front row2; • 2 |
| USB/Type-CQuantity Front 2                 | • Front row2      |
| USB/Type-CQuantity Rear 2                  | • 2               |
| USB/Type-CMaximum Charging Power           | Front row10W; 10W |
| USB/Type-CMaximum Charging Power Front 18W | -                 |
| USB/Type-CMaximum Charging Power Rear 18W  | -                 |
| USB/Type-CMaximum Charging Power Front 10W | Front row10W      |
| USB/Type-CMaximum Charging Power Rear 10W  | 10W               |
| In-car TV                                  | -                 |
| Rear                                       | -                 |
| Simulated Sound                            | -                 |
| KFunction                                  | ● Standard        |
| Audio Brand                                | -                 |
| Quantity ()                                | 10                |
| Rear Control                               | -                 |
| Feature                                    | -                 |
| Low Beam                                   | LED               |
| High Beam                                  | LED               |
| Daytime Running Lights                     | ● Standard        |
| Adaptive High / Low Beam                   | ● Standard        |
| Automatic                                  | ● Standard        |

| Parameter                    | Value                             |
|------------------------------|-----------------------------------|
| Assist                       | -                                 |
| Front                        | -                                 |
| (AFS)                        | -                                 |
| Headlight Height Adjustment  | ● Standard                        |
| Function                     | -                                 |
| Interior Ambient Lighting    | Multi-color                       |
| Active Ambient Lighting      | -                                 |
| Function                     | -                                 |
| Light Projection Technology  | -                                 |
| Headlight Delay-off          | ● Standard                        |
| Front                        | -                                 |
| /Rear                        | -                                 |
| Power Windows                | • Front row; •                    |
| Front                        | • Front row                       |
| Rear                         | •                                 |
| One-touch Window Operation   | Full vehicle                      |
| Function                     | ● Standard                        |
| Rear Function                | •; •; •; • Automatic              |
| Rear Function                | •                                 |
| Rear Function                | •                                 |
| Rear Function                | •                                 |
| Rear Function Automatic      | • Automatic                       |
| Rear Function                | -                                 |
| Interior Vanity Mirror       | • Driver seat+; • Passenger seat+ |
| Driving +                    | • Driver seat+                    |
| Driving +                    | • Passenger seat+                 |
| Rear                         | -                                 |
| Interior Sunshade            | -                                 |
| Rain-sensing Wipers          | -                                 |
| Rear                         | -                                 |
| Multi-layer Soundproof Glass | -                                 |
| Front                        | -                                 |
| Heated Washer Nozzles        | -                                 |
| /                            | -                                 |
| Control                      | Automatic                         |
| Rear                         | -                                 |
| Rear                         | ● Standard                        |
| Control                      | •                                 |
| Control                      | •                                 |
| In-car Air Purifier          | -                                 |
| PM2.5                        | ● Standard                        |
| Negative Ion Generator       | -                                 |
| Interior Fragrance System    | -                                 |

| Parameter           | Value |
|---------------------|-------|
| AQSSystem           | -     |
| In-car Refrigerator | -     |
| Function            | -     |

## Intelligent Features

| Parameter                          | Value     |
|------------------------------------|-----------|
| Assist Driving System              | -         |
| Assist Driving System DiPilot 100  | -         |
| Assist Driving System DiPilot      | -         |
| Assist Driving                     | -         |
| Assist Driving NVIDIA DRIVE Orin N | -         |
| Assist Driving (TOPS)              | -         |
| Assist Driving (TOPS) 84           | -         |
| Intelligent System                 | • DiLink  |
| Intelligent System DiLink          | • DiLink  |
| Intelligent                        | -         |
| Intelligent D100                   | -         |
| System (GB)                        | • 6       |
| System (GB) 4                      | -         |
| System (GB) 6                      | • 6       |
| System (GB) 8                      | -         |
| System (GB)                        | • 64      |
| System (GB) 16                     | -         |
| System (GB) 64                     | • 64      |
| System (GB) 256                    | -         |
| AppRemote Control                  | •;•;•;•;• |
| AppRemote Control Key              | •         |
| AppRemote Control                  | •         |
| AppRemote Control Remote Control   | •         |
| AppRemote Control Charging         | •         |
| AppRemote Control                  | •         |
| System                             | -         |
| Front Maximum (m)                  | -         |
| Front Maximum (m) 350              | -         |
| Camera Quantity ()                 | 6         |
| Camera                             | -         |
| Camera 800*3                       | -         |
| Camera                             | -         |
| Radar Quantity ()                  | 6         |
| Radar Quantity ()                  | 1         |
| System                             | -         |
| Map                                | -         |
| ■                                  | -         |

| Parameter        | Value  |
|------------------|--|
| V2X              | -  |
| Optional Package | -  |
| Custom Options   | Optional exterior, interior, wheels and brakes |
| Feature          | -  |
| Pad              | •  |
| Pad              | •  |