

# EBU AUTO

## BYD Qin PLUS DM 2025 Intelligent Driving Edition DM-i 55 km Beyond

2021-2026 BYD Qin PLUS DM-i | Plug-in Hybrid / DM-i PHEV | Compact Sedan

Item	Value
Official Guide Price	RMB 93,800
USD Reference Price	USD 13,794
Drive	FWD
Range	55
Battery	7.68
Motor Power	120(163Ps)
Transmission	E-CVTContinuously variable
Body	Unibody

### Basic Information

Parameter	Value
Official Guide Price	9.38
Manufacturer	BYD
Segment	Compact car
Energy Type	Plug-in Hybrid
Launch Time	2025.02
Engine Description	1.5L 101 hp L4
MIIT Pure Electric Range (km)	43
NEDC Pure Electric Range (km)	-
WLTC Pure Electric Range (km)	43
CLTC Pure Electric Range (km)	55
MIIT Combined Range (km)	-
CLTC Combined Range (km)	-
Charging Time	2.52 h
Fast Charging Window (%)	-
Engine Maximum Power (kW)	74(101Ps)
Motor Maximum Power (kW)	120(163Ps)
Engine Maximum Torque (N-m)	126
Motor Maximum Torque (N-m)	210
Transmission	E-CVTContinuously variable
Length x Width x Height (mm)	4780x1837x1515
Body Structure	45Sedan
Maximum Speed (km/h)	180
Official 0-100 km/h Acceleration (s)	7.6
NEDC Combined Fuel Consumption (L/100 km)	-
WLTC Combined Fuel Consumption (L/100 km)	1.74
Electricity Consumption (kWh/100 km)	11.1
Electric Energy Equivalent Fuel Consumption (L/100 km)	-
MIIT Fuel Consumption at Minimum State of Charge (L/100 km)	3.9

Parameter	Value
WLTC Fuel Consumption at Minimum State of Charge (L/100 km)	3.9
NEDC Fuel Consumption at Minimum State of Charge (L/100 km)	2.93
Vehicle Warranty	615
Estimated Maintenance Cost for 60,000 km	4758.0

## Body

Parameter	Value
Length (mm)	4780
Width (mm)	1837
Height (mm)	1515
Wheelbase (mm)	2718
Front Track (mm)	1580
Rear Track (mm)	1590
Minimum Ground Clearance (mm)	-
Body Structure	Sedan
Number of Doors	4
Door Opening Method	Conventional hinged doors
Number of Seats	5
Curb Weight (kg)	1480
Gross Vehicle Weight (kg)	1855
Fuel Tank Capacity (L)	65.0
Trunk Capacity (L)	-
Minimum Turning Radius	5.5m

## Engine

Parameter	Value
Engine Model	BYD472QC
Displacement (mL)	1498
Displacement (L)	1.5
Aspiration	Naturally aspirated
Engine Layout	Transverse
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 Speed (rpm)	6000
Maximum Torque (N-m)	126
Maximum Torque Speed (rpm)	4500
Engine Thermal Efficiency (%)	46.06

Parameter	Value
Engine Special Technology	-
Fuel 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	VI

## **Electric Motor**

Parameter	Value
Motor Description	163 hp
Motor Type	Permanent magnet / synchronous
Total Motor Power (kW)	120
Total Motor Horsepower (Ps)	163
Total Motor Torque (N-m)	210
Front Motor Maximum Power (kW)	120
Front Motor Maximum Torque (N-m)	210
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	FinDreams
Battery Pack Warranty	()
Battery Capacity (kWh)	7.68
Battery Energy Density (Wh/kg)	-
Charging Rate	-
Battery Charging	2.52 h
Battery Charging Charging	2.52 h
Battery Charging	-
Maximum DC Charging Power (kW)	-
DC Charging Port Position	-
DC Charging Port Position (Right side fuel filler)	-
AC Charging Port Position	Right side fuel filler
AC Charging Port Position (Right side fuel filler)	Right side fuel filler
Battery Heating System	● Standard
Battery Cooling System	Direct cooling
One-pedal Mode	-
VTOL Mobile Power Station	-
VTOL Maximum External Discharge Power	-
VTOV Maximum External Discharge Power	-

## Transmission

Parameter	Value
Transmission Description	E-CVTContinuously variable
Number of Gears	Continuously variable
Transmission Type	Continuously variable(E-CVT)

## Chassis / Steering

Parameter	Value
Drive Type	FWD
Front Suspension Type	MacPherson independent suspension
Rear Suspension Type	Torsion beam non-independent suspension
Steering 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	225/60 R16
Rear Tire Size	225/60 R16
Spare Tire Specification	-
Active Safety	-
ABS	● Standard
Brake Force Distribution (EBD/CBC)	● Standard
Brake Assist (EBA/BA)	● Standard
Traction Control (TCS/ASR)	● Standard
Electronic Stability System (ESP/DSC)	● Standard
Active Safety Warning System	• Lane departure warning; • Forward collision warning; • Rear collision warning; • ; • Door open warning; • ; •
System	• Lane departure warning
System Front	• Forward collision warning
System Rear	• Rear collision warning
System	•
System DOW	• Door open warning
System Front	•
System Front	•
Autonomous Emergency Braking	● Standard
Blind Spot Assist	● Standard
Lane Keeping Assist	● Standard
Lane Centering	● Standard
Driver Fatigue Warning	-
Active DMS Fatigue Detection	-
In-cabin Vital Signs Detection	-
Traffic Sign Recognition	● Standard

Parameter	Value
Traffic Light Recognition	-
Night Vision System	-
Passive Safety	-
Front Airbags	• Driver seat; • Passenger seat
Front Airbag Driving	• Driver seat
Front Airbag Driving	• Passenger seat
Side Airbags	• Front row
Airbag Front	• Front row
Side Curtain Airbags	● Standard
Front Knee Airbag	-
Center Airbag	-
Seat Belt Reminder	● Standard
Tire Pressure Monitoring System	Tire pressure display
ISOFIX Child Seat Anchors	● Standard
Pedestrian Protection	-
Run-flat Tire	-
Assistance / Control Features	-
Parking Radar	• ; •
Radar Front	•
Radar Rear	•
Lead Vehicle Departure Alert	-
Narrow Road Assist	● Standard
Driving Assistance 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
Driving Assist Camera View Camera View	-
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 Lane Change Assist	● Standard
Automatic Ramp Exit / Entry	● Standard
Navigation Assisted Driving	•
Assist Driving	•
Driving Assistance Level	Level 2
Automatic Parking Assist	● Standard
Reverse Track Assist	-
Memory Parking	-
Remote Valet Parking	● Standard
Auto Hold	● Standard
Hill Start Assist	● Standard
Hill Descent Control	-
Engine Start / Stop	-

Parameter	Value
Adjustable Suspension	-
Air Suspension	-
Air Suspension Type	-
Electromagnetic Suspension	-
Variable Steering Ratio	-
Front Axle Differential Type	-
Rear Axle Differential Type	-
Center Differential Lock	-
Integrated Active Steering	-
Drive Mode Selection	•; •; • ECO; •
Driving	•
Driving	•
Driving ECO/	• ECO
Driving	•
Brake Energy Regeneration	● Standard
Comfort Brake	● Standard
Low-speed Acoustic Alert	● Standard
Exterior Features	-
Sunroof Type	Single sunroof
Intelligent Dimming Glass Roof	-
Roof Rails	-
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutter	● Standard
Alloy Wheels	● Standard
Frameless Doors	-
Hidden Door Handles	-
Tow Hook	-
Interior Features	-
Steering Wheel Material	•
Steering Wheel Material	•
Steering Wheel Adjustment	+
Power Steering Wheel Adjustment	-
Steering Wheel Functions	•
Steering Wheel Function Function Control	•
Gear Selector Type	•
Gear Selector Type (Electronic column shifter)	-
Gear Selector Type (Electronic gear lever)	•
Instrument Cluster Style	Full LCD
Instrument Cluster Size (inch)	• 8.8
Size ()	-
Size () 8.8	• 8.8
Comfort / Anti-theft Features	-

Parameter	Value
Soft-close Doors	-
Power Tailgate	-
Hands-free Tailgate	-
Tailgate Position Memory	-
Engine Immobilizer	● Standard
Central Locking	● Standard
Remote Key Type	• Remote key; • Bluetooth key; • NFC/RFID key
Key Type Intelligent Key	• Remote key
Key Type Key	• Bluetooth key
Key Type NFC/RFIDKey	• NFC/RFID key
Keyless Entry	Driver seat
Keyless Start	● Standard
Remote Start	● Standard
Remote Vehicle Move	● Standard
Vehicle Summon Function	-
Head-up Display (HUD)	-
Built-in Driving Recorder	● Standard
Factory ETC	● Standard
Active Noise Cancellation	-
Wireless Phone Charging	-
Maximum Wireless Charging Power (W)	-
Charging Maximum Power (W) 15	-
110V / 220V / 230V Power Outlet	-
Trunk 12V Power Outlet	-
Seat Features	-
Seat Material	Synthetic leather
Sport Seats	-
Second-row Captain Seats	-
Power Seat Adjustment	• Driver seat
Seat Driving	• Driver seat
Seat Driving	-
Second-row Fold-flat Function	-
Driver Seat Overall Adjustment	•; •; •
Seat Front Rear	•
Seat	•
Seat	•
Driver Seat Partial Adjustment	•
Seat	•
Passenger Seat Overall Adjustment	•; •
Seat Front Rear	•
Seat	•
Passenger Seat Partial Adjustment	•
Seat	•

Parameter	Value
Second-row Seat Overall Adjustment	-
Second-row Seat Partial Adjustment	-
Front Seat Functions	-
Front Seat Function	-
Second-row Seat Functions	-
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	• LCD
Material LCD	• LCD
/	-
System	● Standard
AR	-
Navigation Traffic Information Display	● Standard
Map	•
Map	-
Map	•
Map	-
Roadside Assistance Service	-
/	● Standard
Smartphone Connectivity / Mirroring	-
HUAWEI HiCar	-
Carlink	-
Connected Vehicle	● Standard
4G/5G	• 5G
4G/5G 4G	-
4G/5G 5G	• 5G
OTA	● Standard
Face Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Control System	● Standard
Function	● Standard
Function	•
Function	•

Parameter	Value
Function	-
Continuous Voice Recognition	● Standard
Visible-to-speak Function	● Standard
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 1	• Front row2
USB/Type-CQuantity Rear 2	• 2
USB/Type-CMaximum Charging Power	18W; Front row18W
USB/Type-CMaximum Charging Power Front 15W	-
USB/Type-CMaximum Charging Power Rear 18W	18W
USB/Type-CMaximum Charging Power Front 18W	Front row18W
USB/Type-CMaximum Charging Power Front 10W	-
USB/Type-CMaximum Charging Power Rear 10W	-
In-car TV	-
Rear	-
Simulated Sound	-
KFunction	● Standard
Audio Brand	-
Quantity ()	6
Rear Control	-
Feature	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	● Standard
Adaptive High / Low Beam	● Standard
Automatic	● Standard
Assist	-
Front	-
(AFS)	-
Headlight Height Adjustment	● Standard
Function	-
Interior Ambient Lighting	-
Active Ambient Lighting	-
Function	-
Light Projection Technology	-

Parameter	Value
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	• Passenger seat+; • Driver seat+
Driving +	• Passenger seat+
Driving +	• Driver 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	-
AQSSystem	-
In-car Refrigerator	-
Function	-

## Intelligent Features

Parameter	Value
Driving Assistance Operating System	• DiPilot 100
Assist Driving System DiPilot 100	• DiPilot 100
Assist Driving System DiPilot	-

Parameter	Value
Driving Assistance Chip	• NVIDIA DRIVE Orin N
Assist Driving NVIDIA DRIVE Orin N	• NVIDIA DRIVE Orin N
Driving Assistance Chip Computing Power (TOPS)	• 84
Assist Driving (TOPS) 84	• 84
In-vehicle Intelligent System	• DiLink
Intelligent System DiLink	• DiLink
In-vehicle Smart Chip	• D100
Intelligent D100	• D100
Infotainment System Memory (GB)	• 8
System (GB) 2	-
System (GB) 4	-
System (GB) 6	-
System (GB) 8	• 8
Infotainment System Storage (GB)	• 256
System (GB) 16	-
System (GB) 64	-
System (GB) 256	• 256
Mobile App Remote Control	•;•;•;•;•
AppRemote Control Key	•
AppRemote Control	•
AppRemote Control Remote Control	•
AppRemote Control Charging	•
AppRemote Control	•
Heat Pump Management System	-
Forward Maximum Detection Distance (m)	• 350
Front Maximum (m) 350	• 350
Exterior Camera Count	12
Exterior Camera Resolution	-
Interior Camera Resolution	-
Ultrasonic Radar Count	12
Millimeter-wave Radar Count	5
Sub-meter High-precision Positioning System	-
High-precision Map	-
Sentry Mode	● Standard
V2X Communication	-
Optional Package	-
Custom Options	Optional exterior, interior, wheels and brakes
Special Features	-
Mobile Power Station Function	-
Mobile Power Station Function	-
Adaptive Rotating Floating Pad	-
Adaptive Rotating Floating Pad	-