

EBU AUTO

BYD Qin PLUS DM 2025 Intelligent Driving Edition DM-i 120 km Beyond

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

Item	Value
Official Guide Price	RMB 103,800
USD Reference Price	USD 15,265
Drive	FWD
Range	120
Battery	15.8
Motor Power	120(163Ps)
Transmission	E-CVTContinuously variable
Body	Unibody

Basic Information

Parameter	Value
Official Guide Price	10.38
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)	90
NEDC Pure Electric Range (km)	-
WLTC Pure Electric Range (km)	90
CLTC Pure Electric Range (km)	120
MIIT Combined Range (km)	2055
CLTC Combined Range (km)	-
Charging Time	4.8 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)	1.11
Electricity Consumption (kWh/100 km)	13.6
Electric Energy Equivalent Fuel Consumption (L/100 km)	-
MIIT Fuel Consumption at Minimum State of Charge (L/100 km)	3.98

Parameter	Value
WLTC Fuel Consumption at Minimum State of Charge (L/100 km)	3.98
NEDC Fuel Consumption at Minimum State of Charge (L/100 km)	3.08
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)	1580
Gross Vehicle Weight (kg)	1955
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)	15.8
Battery Energy Density (Wh/kg)	-
Charging Rate	-
Battery Charging	4.8 h; •
Battery Charging Charging	4.8 h
Battery Charging	•
Maximum DC Charging Power (kW)	15
DC Charging Port Position	Right side fuel filler
DC Charging Port Position (Right side fuel filler)	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	● Standard
VTOL Maximum External Discharge Power	3.3kW
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	-
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	color
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	-