

Vehicle Detail Report

BYD Qin L 2025 DM-i Smart Driving Version
80KM Leading Type

Basic Information

Color	All in-stock colors are available
Vehicle Location	In stock at Shanghai Port, Nansha Port, Horgos and other ports.
Attribute	Brand New

Vehicle Images





Configuration Information

Model Information

Model Name	BYD Qin L 2025 DM-i Smart Driving Version 80KM Leading Type
Launch Date	2025.02

Basic parameters

Basic parameters (continued)

Vehicle Class	Mid-size car
Energy Type	Plug-in Hybrid Electric Vehicle (PHEV)
Maximum Power (kW)	74
Maximum Torque (N·m)	126
Transmission	E-CVT continuously variable transmission
Body Type	Sedan
Engine	1.5L 101 HP L4
Dimensions (L×W×H) (mm)	4830*1900*1495
Official 0-100 km/h Acceleration (s)	7.9
Top Speed (km/h)	180
Curb Weight (kg)	1660
Maximum Gross Weight (kg)	2035
Slow Charging Time (h)	3.42
Electric Motor (PS)	163
Electricity Consumption in Fuel Equivalent (L/100km)	1.26
WLTC Electric Range (km)	60
WLTP Combined Fuel Consumption (L/100km)	1.36
CLTC Electric Range (km)	80
Battery slow charging capacity range (%)	15-100
Lowest state-of-charge fuel consumption (L/100km) WLTC	3.8
Minimum state of charge fuel consumption (L/100km) NEDC	2.9

engine

Engine Model	BYD472QC
Displacement (mL)	1498
Displacement (L)	1.5
Induction Type	Natural aspiration

engine (continued)

Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Valve Train	DOHC
Maximum Power (PS)	101
Max Power Speed (rpm)	-
Max Torque Speed (rpm)	-
Maximum net power (kW)	70
Fuel Grade	92.
Fuel Delivery System	Multi-point EFI
Cylinder Head Material	Aluminum alloy
Cylinder Block Material	Aluminum alloy
Engine layout	Horizontal

Electric Motor

Motor Type	Permanent magnet/synchronous
Total Electric Motor Power (kW)	120
Total Electric Motor Torque (N·m)	210
Front Electric Motor Max Power (kW)	120
Front Electric Motor Max Torque (N·m)	210
Number of drive motors	Single motor
Motor Layout	Front-end
Battery Type	Lithium iron phosphate battery
Battery Capacity (kWh)	10.08
Total Electric Motor Power (PS)	163
Battery Cell Brand	Fodi
Battery Cooling System	Direct cooling
Power consumption per 100 kilometers (kWh/100km)	11.1
Slow charging port location	Rear right side of the car

Electric Motor (continued)

Warranty policy for first-time owners of Sandian	Lifetime Warranty/Non-operational (Liability Exemption Terms Subject to Official)
Previous Motor Brand	BYD
Front motor model	TZ210XYB
Battery unique technology	Blade Battery

Screen/System

Central control color screen	<ul style="list-style-type: none">• Touch LCD screen
Infotainment Screen Size	<ul style="list-style-type: none">• 12.8 inches
Bluetooth/In-car Phone	<ul style="list-style-type: none">•
Smartphone Integration/Mirroring	<ul style="list-style-type: none">•
Voice recognition control system	<ul style="list-style-type: none">• Multimedia system;• Navigation;• Telephone;• Air conditioning
Voice wake-up recognition by region	<ul style="list-style-type: none">• Dual Zone
In-vehicle intelligent system	<ul style="list-style-type: none">• DiLink
App Store	<ul style="list-style-type: none">•
Central control screen type	<ul style="list-style-type: none">• LCD
Voice assistant wake-up word	<ul style="list-style-type: none">• Hello, Xiao Di
Continuous speech recognition	<ul style="list-style-type: none">•
See and Say	<ul style="list-style-type: none">•
Car Intelligent Chip	<ul style="list-style-type: none">• BYD D100
Central control LCD screen split screen display	<ul style="list-style-type: none">•

Body

Length (mm)	4830
Width (mm)	1900
Height (mm)	1495
Wheelbase (mm)	2790
Front Track (mm)	1620
Rear Track (mm)	1620

Body (continued)

Door Opening Type	swing door
Number of Doors	4
Number of Seats	5
Fuel Tank Capacity (L)	65
Trunk volume (L)	-
Drag Coefficient (Cd)	0.26
Approach Angle (°)	13
Departure Angle (°)	14
Minimum Turning Radius (m)	5.6

Gearbox

Abbreviation	E-CVT continuously variable transmission
Number of Gears	stepless speed change
Transmission Type	Electronic Continuously Variable Transmission (E-CVT)

Chassis steering

Drive Type	Front-engine, Front-wheel drive (FF)
Front Suspension Type	MacPherson independent suspension
Rear Suspension Type	Multi-link independent suspension
Power Steering Type	Electric power assistance
Vehicle structure	bearing type

Seat Configuration

Seat Material	<ul style="list-style-type: none">• Imitation leather
Main seat adjustment	<ul style="list-style-type: none">• Front and rear adjustment;• Backrest adjustment;• Height adjustment (2-way)
Co-seat adjustment method	<ul style="list-style-type: none">• Front and rear adjustment;• Backrest adjustment
Electric adjustment of driver's seat and passenger seat	-
Front passenger seat rear adjustable buttons	-
Rear seat folding	<ul style="list-style-type: none">• Proportional down
Front/rear center armrest	Front •/Rear-
Rear cup holder	-

Active safety

Anti-lock Braking System (ABS)	•
Electronic Brakeforce Distribution (EBD/CBC)	•
Brake Assist System (EBA/BAS/BA)	•
Traction Control System (ASR/TCS/TRC)	•
Electronic Stability Control (ESC/ESP/DSC)	•
Tire Pressure Monitoring System (TPMS)	• Tire pressure alarm
Seat Belt Reminder	• Front row
ISOFIX Child Seat Anchors	•
Lane Departure Warning System (LDWS)	•
Autonomous Emergency Braking (AEB)	•
Driver Fatigue Detection	-
Forward Collision Warning (FCW)	•
Rear Collision Warning	•
Low Speed Alert	•
Built-in Dashcam	•
Door Opening Warning (DOW)	•
Sentry Mode	•

Air conditioning/refrigerator

Air conditioning temperature control method	• Automatic air conditioning
Rear Independent Climate Control	-
Rear seat air vents	•
Temperature zone control	-
Car air purifier	-
In-cabin PM2.5 Filter	•

Passive safety

Driver/passenger airbag	Main •/Deputy •
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Passive safety (continued)

Front/rear side airbags	Front •/Rear-
Front/rear head airbags (curtain airbags)	Front •/Rear •

Wheel brake

Front Brake Type	Ventilation disc
Rear Brake Type	Disc
Parking brake type	Electronic Parking
Front Tire Size	225/60 R16
Rear Tire Size	225/60 R16
Spare Tire Size	Tire repair tools

Audio/Interior Lighting

Number of speakers	• 6 speakers
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Driving functions

Navigation traffic information display	•
Lane assist	•
Lane Keeping Assist System	•
Cruise control system	• Full speed adaptive cruise
Satellite navigation system	•
Driving assistance level	•L2
Rear Cross Traffic Alert	•
Lane centering	•
Road traffic sign recognition	•
Map Brand	• Baidu
Remote Parking	•
Driver assistance systems	•DiPilot 100
Hands-off detection	•
Parking Assist	•
Lane Change Assist	•
Automatic Ramp Entry/Exit Assist	•
Highway sections	• Expressway section

Exterior lighting

Exterior lighting (continued)

Low beam light source	•LED
High beam light source	•LED
LED daytime running lights	•
Adaptive high and low beam	•
Automatic headlights	•
Height-adjustable headlights	•
Headlight Delay Off	•

Exterior mirrors

Exterior mirror function	• Electric adjustment; • Mirror heating
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Appearance/anti-theft

Rim material	• Aluminum alloy
Electric trunk	-
Electronic engine immobilizer	•
Central locking system in the car	•
Key Type	• Remote key; • Bluetooth key; • NFC/RFID key
Keyless start system	•
Keyless entry function	• Front row
Remote start function	•
Battery preheating	•
Active closed grille	•
Discharge to the outside	•

Skylight/Glass

Front/rear electric windows	Front •/Rear •
One-touch window lifting function	• Full vehicle
Window anti-pinch function	•
Car makeup mirror	• COPILOT
Rear wiper	-

Interior and exterior color

Interior and exterior color (continued)

Exterior Color	tea crystal ash #878C9E Bing Po Qing #A7B4BB Runyu White #FFFFFF Jianyao Purple #48364F
Interior Color	Basalt Grey:#B6B8B7; Black/Haoyuemi:#000000/#D1CEC5

Steering wheel/interior mirror

Steering Wheel Material	• Cortex
Steering wheel position adjustment	• Manual up and down front and rear adjustment
Multi-function steering wheel	•
Heated Steering Wheel	-
Steering wheel memory	-
Trip computer display screen	• Color
Full LCD instrument panel	•
LCD instrument size	• 8.8 inches
Interior rearview mirror function	• Manual anti-glare
Gear shifting	• Electronic gear shift
ETC Device	•

Intelligent configuration

Connected Car Services	•
OTA Updates	•
4G/5G Network	•5G
Mobile APP remote function	• Door control; • Vehicle start; • Charging management; • Lighting control; • Climate control; • Vehicle status check/diagnostics; • Vehicle location / find my car; • Owner services (charging stations, gas stations, parking, etc.); • Service/ repair appointment
Wi-Fi hotspots	•
Car KTV	•

Driving Control

Driving mode switch	• Sport; • Economy; • Standard/ Comfort; • Snow
Automatic parking	•
Hill start assist	•

Driving Control (continued)

Energy recovery system	•
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Driving Hardware

Front/rear parking radar	Front •/Rear •
Driving Assistance Camera System	• 360-degree panoramic image
Front perception camera	• Three eyes
Number of cameras	• 12
Number of ultrasonic radars	• 12
Transparent chassis/540-degree imaging	•
Millimeter wave radar quantity	• 5
Assisted driving chip	• Yingweida Orin-N
Total chip computing power	•84 TOPS
Front perception camera pixels	•USD 1,176,471

In-car charging

Multimedia/charging port	•USB;•Type-C
Number of USB/Type-C ports	• 2 in the front row/2 in the back row

"●" = Standard equipment

"_" = Not available

"○" = Optional equipment.

Note: These are Chinese market vehicles. Warranty coverage is not available outside of China.