

Qin L 2025 EV 470KM Leading Model

Basic information	
Manufacturer	BYD
Level	Medium-sized car
Energy type	Pure electric
Time to market	2025.03
Pure electric mileage (km)	470
Fast charging time (hours)	0.4
Percentage of fast charge	30-80
Maximum Power (kW)	110
Maximum torque (N m)	220
Electromotor (Ps)	150
Gearbox	Electric vehicle single-speed gearbox
Length * width * height (mm)	4720*1880*1495
Body structure	4-door, 5-seater sedan
Maximum speed (km/h)	160
Official 0-50km/h acceleration (s)	4.1
Electric energy equivalent fuel	1.25
Car body	
Length (mm)	4720
Width (mm)	1880
Height (mm)	1495
Wheelbase (mm)	2820
Front wheel track(mm)	1610
Rear wheel track(mm)	1610
Approach angle (°)	13
Departure angle (°)	16
Minimum turning radius (m)	5.4
Body structure	Sedan
Door opening mode	Open the door flat
Number of doors (units)	4
Number of seats (unit)	5
Volume of front compartment (L)	65
Luggage compartment volume (L)	460
Quality of equipment (kg)	1670
Maximum load mass (kg)	2095
Engine	
Electric motor	
Rear motor type	TZ180XSR
Motor type	Permanent magnet / synchronization
Total Motor Power (kW)	110
Total motor power ps	150
Total torque of motor (N m)	220
Maximum power of rear motor	110
Maximum torque of rear motor (N	220
Number of driving motors	Single motor
Motor layout	Rear position

100 km power consumption	10.8
Gearbox	
Number of blocks	1
Gearbox type	Fixed gear ratio gearbox
Chassis / wheel	
Driving mode	Rear rear drive
Front suspension type	Double ball section McPherson independent suspension
Rear suspension type	Five-link independent suspension
assist type	Electric power assist
body structure	load-bearing
Front brake type	ventilation disc
Rear brake type	Disc type
Parking brake type	electronic parking
Rim material	Aluminum alloy
Front tire specification	225/55 R17
Rear tire specification	225/55 R17
brake specification	Tire repair tool
Security configuration	
Driver/passenger airbag	● Driver ● Passenger
Front/rear side airbags	● Front Row — Rear Row
Front/rear head airbags (curtain airbags)	● Front Row ● Rear Row
Tire pressure monitoring function	● Tire pressure display
Seat belt unfastened reminder	● Front row
Control configuration	
Driving mode switching	● Exercise ● Economics ● Standard/Comfort ● Snow land
Shift form	● Electronic pocket gear shift
Auxiliary / intelligent driving	
Cruise system	● Full speed adaptive cruise
Auxiliary driving level	● L2
Auxiliary driving system	● DiPilot 100
Driving assist image	● 360 degree panoramic image
Number of cameras	● 12
Front / rear parking radar	● Front Row ● Rear Row
Number of ultrasonic radars	● 12
Number of millimeter wave radars	● of 5
Forward-sensing camera type	● trinocular
Appearance configuration	
Sunroof type	● Panoramic sunroof can be opened ● Bluetooth key

- NFC/RFID key

- remote key

- Front row

Keyless entry function

internal configuration

Driving computer display screen ● Color

LCD meter size ● 8.8 in.

Steering wheel material ● Cortical layer

Steering wheel position ● Manual up and down + front and rear adjustment

Seat configuration

Seat material ● Imitation leather

Driver's seat adjustment method ● High and low adjustment (2 directions)

- Backrest adjustment

- Front and rear adjustment

Adjustment mode of Passenger seat ● Backrest adjustment

- Front and rear adjustment

Driver / passenger seat electric adjustment ● Driver — Passenger

Back seat down form ● Proportional toppling

Front / rear central handrail ● Front Row — Rear Row

Lighting configuration

Low light source ● LED

High beam light source ● LED

Glass / rearview mirror

Exterior mirror function ● Lock the car and fold automatically ● Electric folding ● rear view mirror heating ● Electric regulation

Front/rear power windows ● Front Row ● Rear Row

Window up and down function with ● The whole car

In-car cosmetic mirror ● Copilot

- Driver's seat

Inner rearview mirror function ● Manual anti-glare

Smart Internet

Central control color LCD screen ● Touch LCD screen

LCD screen size ● 12.8 in.

Vehicle intelligent system ● DiLink

4G/5G network ● 5G

Speech recognition control system ● Multimedia system

- Navigation

- Telephone

- Sunroof

- Air Conditioner

Voice regional wake-up ● Four regions

Voice assistant awakening word ● Hello, Dee.

APP Remote Control ● Door control

- Headlight control

- Air conditioning control

- Vehicle condition inquiry / diagnosis

- Vehicle location / car search

- Vehicle start

- Car owner service (find charging piles, gas stations, parking lots, etc.)

- Scheduled maintenance / repair

- Charge management

Audio-visual entertainment

Multimedia / charging interface ● Type-C ● USB

Number of USB/Type-C Interface ● 2 in the front / 2 in the back

Number of speakers ● 6 loudspeakers

Air conditioner / refrigerator

Air conditioning temperature ● Automatic air conditioning

remarks

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Appearance



Interior decoration



Space



remarks:

- standard
- optional
- no