

Qin L 2025 EV 545KM Premium Model

Basic information	
Manufacturer	BYD
Level	Medium-sized car
Energy type	Pure electric
Time to market	2025.03
Pure electric mileage (km)	545
Fast charging time (hours)	0.4
Percentage of fast charge	30-80
Maximum Power (kW)	160
Maximum torque (N m)	330
Electromotor (Ps)	218
Gearbox	Electric vehicle single-speed gearbox
Length * width * height (mm)	4720*1880*1495
Body structure	4-door, 5-seater sedan
Maximum speed (km/h)	180
Official 0-50km/h acceleration (s)	3.1
Electric energy equivalent fuel	1.34
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)	1800
Maximum load mass (kg)	2225
Engine	
Electric motor	
Rear motor type	TZ200XSBE
Motor type	Permanent magnet / synchronization
Total Motor Power (kW)	160
Total motor power ps	218
Total torque of motor (N m)	330
Maximum power of rear motor	160
Maximum torque of rear motor (N	330
Number of driving motors	Single motor
Motor layout	Rear position

100 km power consumption	11.5
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	225/50 R18
Rear tire specification	225/50 R18
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	● The whole car
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

	<ul style="list-style-type: none"> ● NFC/RFID key ● remote key
Keyless entry function	● Front row
internal configuration	
HUD size	● 12 in.
Driving computer display screen	● Color
LCD meter size	● 8.8 in.
Steering wheel material	● Cortical layer
Steering wheel position adjustment	● Manual up and down + front and rear adjustment
Seat configuration	
Seat material	● Imitation leather
Driver's seat adjustment method	<ul style="list-style-type: none"> ● High and low adjustment (4 directions) ● Backrest adjustment ● Front and rear adjustment
Adjustment mode of Passenger seat	<ul style="list-style-type: none"> ● Backrest adjustment ● Front and rear adjustment
Driver / passenger seat electric adjustment	<ul style="list-style-type: none"> ● Driver ● Passenger
Front seat function	<ul style="list-style-type: none"> ● Ventilation ● Heating
Memory function of electric seat	● Driving position
Back seat down form	● Proportional toppling
Front / rear central handrail	<ul style="list-style-type: none"> ● Front Row ● Rear Row
Lighting configuration	
Low light source	● LED
High beam light source	● LED
Interior ambient lamp	● Multicolor
Glass / rearview mirror	
Exterior mirror function	<ul style="list-style-type: none"> ● Mirror Memory ● Lock the car and fold automatically ● Electric folding ● rear view mirror heating ● Automatic reverse flipping ● Electric regulation
Inductive wiper function	● rain sensing
Front/rear power windows	<ul style="list-style-type: none"> ● Front Row ● Rear Row
Window up and down function with	● The whole car
Window electric open function	●
Appearance	

In-car cosmetic mirror	<ul style="list-style-type: none"> ● Main driver + lights ● Front passenger + lighting
Inner rearview mirror function	● Automatic anti-glare
Smart Internet	
Central control color LCD screen	● Touch LCD screen
LCD screen size	● 15.6 in.
Vehicle intelligent system	● DiLink
4G/5G network	● 5G
Speech recognition control system	<ul style="list-style-type: none"> ● Multimedia system ● Navigation ● Telephone ● Sunroof ● Air Conditioner
Voice regional wake-up	● Four regions
Voice assistant awakening word	● Hello, Dee.
APP Remote Control	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Type-C ● USB
Number of USB/Type-C Interface	● 2 in the front / 2 in the back
Wireless charging function of	● Front row
Wireless charging power of mobile	● 50W
Number of speakers	● 8 loudspeakers
Air conditioner / refrigerator	
Air conditioning temperature	● Automatic air conditioning
remarks	
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Interior decoration



Space



remarks:

- standard
- optional
- no