

Qin PLUS EV 2023 Champion Edition Specification Table

Model:	420KM Leading Model	420KM Surpass Model	510KM Leading Model	510KM Surpass Model	510KM Excellence Model	610KM Excellence Model
Suggested Retail Price (CNY):	129800	136800	139800	149800	159800	176800
Dimensional parameters						
Length x Width x Height (mm)	4765x1837x1515	4765x1837x1515	4765x1837x1515	4765x1837x1515	4765x1837x1515	4765x1837x1515
Wheelbase (mm)	2718	2718	2718	2718	2718	2718
Front/Rear Track (mm)	1580/1580	1580/1580	1580/1580	1580/1580	1580/1580	1580/1580
Minimum Turning Radius (m)	5.5	5.5	5.5	5.5	5.5	5.5
Tire Specifications	215/55 R17	215/55 R17	215/55 R17	215/55 R17	215/55 R17	235/45 R18
Vehicle Warranty	The three-electric system of non-commercial vehicles is covered by a lifetime warranty for the first vehicle owner, with a comprehensive vehicle warranty period of 6 years or 150,000 kilometers.	The three-electric system of non-commercial vehicles is covered by a lifetime warranty for the first vehicle owner, with a comprehensive vehicle warranty period of 6 years or 150,000 kilometers.	The three-electric system of non-commercial vehicles is covered by a lifetime warranty for the first vehicle owner, with a comprehensive vehicle warranty period of 6 years or 150,000 kilometers.	The three-electric system of non-commercial vehicles is covered by a lifetime warranty for the first vehicle owner, with a comprehensive vehicle warranty period of 6 years or 150,000 kilometers.	The three-electric system of non-commercial vehicles is covered by a lifetime warranty for the first vehicle owner, with a comprehensive vehicle warranty period of 6 years or 150,000 kilometers.	The three-electric system of non-commercial vehicles is covered by a lifetime warranty for the first vehicle owner, with a comprehensive vehicle warranty period of 6 years or 150,000 kilometers.
Mechanical capability						
Motor Type	Permanent Magnet Synchronous Motor					
Maximum Motor Power (kW)	100	100	100	100	100	150
Maximum Motor Torque (N·m)	180	180	180	180	180	250
CLTC Electric Range (km)	420	420	510	510	510	610
Battery Capacity (kWh)	48	48	57.6	57.6	57.6	72
30-Minute Fast Charging Percentage	30%-80%	30%-80%	30%-80%	30%-80%	30%-80%	30%-80%
0 to 50 km/h Acceleration Time (s)	5.5	5.5	5.5	5.5	5.5	3.8
Brakes and Suspension						
Front Brake Type	Ventilated Disc Brake	Ventilated Disc Brake	Ventilated Disc Brake	Ventilated Disc Brake	Ventilated Disc Brake	Ventilated Disc Brake
Rear Brake Type	Disc Brake	Disc Brake	Disc Brake	Disc Brake	Disc Brake	Disc Brake
Front Suspension Type	MacPherson Independent Suspension	MacPherson Independent Suspension	MacPherson Independent Suspension	MacPherson Independent Suspension	MacPherson Independent Suspension	MacPherson Independent Suspension
Rear Suspension Type	Multi-Link Independent Suspension	Multi-Link Independent Suspension	Multi-Link Independent Suspension	Multi-Link Independent Suspension	Multi-Link Independent Suspension	Multi-Link Independent Suspension
Safety Equipment						
Intelligent Power Braking System (IPB)	●	●	●	●	●	●
Vehicle Electronic Stability System	●	●	●	●	●	●
Anti-lock Braking System (ABS)	●	●	●	●	●	●
Electronic Brakeforce Distribution (EBD) System	●	●	●	●	●	●
Traction Control System (TCS)	●	●	●	●	●	●
Automatic Parking System	●	●	●	●	●	●
Vehicle Dynamic Control System	●	●	●	●	●	●
Hill Start Assist Control (HAC)	●	●	●	●	●	●
Parking Brake Deceleration Control System	●	●	●	●	●	●
Hydraulic Brake Assist System	●	●	●	●	●	●
EPS Electronic Parking Brake System	●	●	●	●	●	●
EPS Electric Power Steering System	●	●	●	●	●	●
BOS Brake Override System	●	●	●	●	●	●
TPMS Tire Pressure Monitoring System	●	●	●	●	●	●
CSC Cruise Control System	●	●	●	●	●	-
ACC-S&G Stop & Go Full-Speed Adaptive Cruise Control System	-	-	-	-	●	●
AEB-CCR Automatic Emergency Braking System	-	-	-	-	●	●
AEB-VRU Pedestrian Recognition/Protection System	-	-	-	-	●	●
EBA Emergency Brake Assist System	-	-	-	-	●	●
CSC Cornering Speed Control System	-	-	-	-	●	●
LKS Lane Keeping System	-	-	-	-	●	●
LDWS Lane Departure Warning System	-	-	-	-	●	●
TSR Traffic Sign Recognition System	-	-	-	-	●	●
BSD Blind Spot Detection System	-	-	-	-	●	●
RCTA Rear Cross-Traffic Alert System	-	-	-	-	●	●
RCW Rear Collision Warning System	-	-	-	-	●	●
LCA Lane Change Assist System	-	-	-	-	●	●
PCW Predictive Collision Warning System	-	-	-	-	●	●
HMA Intelligent High/Low Beam System	-	-	-	-	●	●
Front Dual Airbags	●	●	●	●	●	●
Front Seat Side Airbags	●	●	●	●	●	●
Front and Rear Integrated Side Curtain Airbags	-	●	-	●	●	●
High-Definition Transparent Panoramic Imaging System	-	●	-	●	●	●
Rear View Camera System (Color Display, Dynamic Guidelines)	●	-	●	-	-	-
4-Sensor Rear Parking Radar	●	●	●	●	●	●
2-Sensor Front Parking Radar	-	●	-	●	●	●
Child Safety Lock	●	●	●	●	●	●
Front Seat Pre-tensioning Limiting Safety Belts	●	●	●	●	●	●
Driver/Passenger Seat Belt Reminder	●	●	●	●	●	●
ISO-FIX Child Seat Fixing Device	●	●	●	●	●	●
3H High-Strength All-Round Collision Energy-Absorbing Safety Body	●	●	●	●	●	●
High-Strength Front and Rear Anti-Collision Beams	●	●	●	●	●	●
Vehicle Speed Sensing Automatic Locking	●	●	●	●	●	●
Collision Sensing Automatic Unlocking	●	●	●	●	●	●
Collapsible Energy-Absorbing Steering Column	●	●	●	●	●	●
Collapsible Brake Pedal	●	●	●	●	●	●
Electronic Anti-Theft System	●	●	●	●	●	●
Rear Window Electric Heating and Defrosting	●	●	●	●	●	●
External Rearview Mirror Electric Heating and Defrosting	●	●	●	●	●	●
External Rearview Mirror Electric Folding	-	●	-	●	●	●
External Rearview Mirror Electric Adjustment	●	●	●	●	●	●
External Rearview Mirror Footwell Lighting (Welcome Effect)	-	●	-	●	●	●
External Rearview Mirror Blind Spot Monitoring Indicator	-	-	-	-	●	●
DLink Intelligent Networking System						
■ DLink Smart Connectivity System	DLink 4.0	DLink 4.0	DLink 4.0	DLink 4.0	DLink 4.0	DLink 4.0
DLink Smart Connectivity System	10.1inch	10.1inch	10.1inch	10.1inch	12.8inch	12.8inch
Adaptive Rotating Floating Pad	●	●	●	●	●	●
New 4.0 System UI Interface	●	●	●	●	●	●
New Deep/Light Mode Switching	●	●	●	●	●	●
Intelligent Quick One-Screen Access	●	●	●	●	●	●
Intelligent Screensaver Display	●	●	●	●	●	●
Versatile Theme Customization	●	●	●	●	●	●
Online Smart and Accurate Navigation	●	●	●	●	●	●
Online Entertainment System	●	●	●	●	●	●
Online Massive Applications	-	●	-	●	●	●
Application Split-Screen Display	●	●	●	●	●	●
4G Network Service	●	●	●	●	●	●
In-Car Bluetooth System	●	●	●	●	●	●
In-Car WiFi	●	●	●	●	●	●
OTA Remote Upgrade	●	●	●	●	●	●
USB Interface	-	●	-	●	●	●
In-Car Karaoke Entertainment System	-	○	-	○	○	○
In-Car Microphone	-	-	-	-	●	●
Wireless Phone Charging	-	-	-	-	●	●
Intelligent Driving Recorder	●	●	●	●	●	●
Mobile NFC Car Key	●	●	●	●	●	●
Mobile Bluetooth Car Key	-	-	-	-	-	-
Hi-Fi Acoustic Technology	4Speakers	6Speakers	4Speakers	6Speakers	6Speakers	10Speakers
Hi-Fi Sound System	●	●	●	●	●	●
Intelligent Voice Interaction System	●	●	●	●	●	●
▶ Voice-Controlled Navigation (Navigating to a Destination, Nearby Places, Saved Destinations, etc.)	●	●	●	●	●	●
▶ Voice-Controlled Audio and Video Playback (Voice Control of Music On/Off, Song Switching, Volume Adjustment, Radio, etc.)	●	●	●	●	●	●
▶ Voice-Controlled Phone Calls/Interactive Chat/Voice Information Retrieval, etc.	●	●	●	●	●	●
▶ Voice-Controlled Air Conditioning (Turning On/Off Air Conditioning, Adjusting Temperature, etc.)	-	●	-	●	●	●
▶ Voice-Controlled Sunroof Operation	-	-	-	-	●	●
▶ Voice-Controlled Driving Recorder	●	●	●	●	●	●
▶ Voice-Controlled Third-Party Apps	●	●	●	●	●	●
▶ Voice-Controlled Screen Rotation	●	●	●	●	●	●
▶ Voice-Controlled Multimedia Settings	●	●	●	●	●	●
▶ Remote Vehicle Locator (Vehicle Position Navigation, Flashing Lights and Horns, etc.)	●	●	●	●	●	●
▶ Remote Lock/Unlock Vehicle Doors	●	●	●	●	●	●
▶ Remote Authorization to Start the Vehicle	●	●	●	●	●	●
▶ Remote On/Off Air Conditioning	●	●	●	●	●	●
▶ Real-time Vehicle Condition Query	●	●	●	●	●	●
▶ Real-time Vehicle Condition Monitoring	●	●	●	●	●	●
▶ Remote Control Vehicle SMS Alerts (Locking/Unlocking Doors, On/Off Air Conditioning, etc.)	●	●	●	●	●	●
▶ Unclosed Doors/Trunk Reminder	●	●	●	●	●	●
▶ Owner Services (Find Charging Stations, Gas Stations, Parking Lots, etc.)	●	●	●	●	●	●
▶ Energy Consumption Ranking	●	●	●	●	●	●
▶ Convenient Services (Reservation for Maintenance or Repairs, Collision SMS Notification)	●	●	●	●	●	●
▶ Automotive Knowledge Lecture Hall	●	●	●	●	●	●
▶ Data Services (Driving Reports)	●	●	●	●	●	●
Comfort and Convenience						
Dual-Zone Independent Automatic Constant Temperature Air Conditioning	●	●	●	●	●	●
Rear Air Conditioning Vent	●	●	●	●	●	●
PM2.5 Green Clean System (with PM2.5 Display)	-	-	-	-	●	●
Remote High-Temperature Disinfection and Sterilization Mode	●	●	●	●	●	●
Remote Driving	●	●	●	●	●	●
Keyless Entry and One-Key Start System	●	●	●	●	●	●
Remote Remote Start Function	●	●	●	●	●	●
Two-Tone Stitching Sport Steering Wheel	●	●	●	●	●	●
Four-Way Manual Adjustable Steering Wheel	●	●	●	●	●	●
External Rearview Mirrors Automatically Fold on Locking	-	●	-	●	●	●
Front Seat Heating	-	-	-	-	-	●
Rear Seat Heating	-	-	-	-	-	●
Driver's Seat 6-Way Power Adjustment	-	●	-	●	●	●
Driver's Seat 6-Way Manual Adjustment	-	-	-	-	-	-
Front Passenger Seat 4-Way Power Adjustment	-	-	-	-	-	●
Front Passenger Seat 4-Way Manual Adjustment	-	-	-	-	-	-
One-Touch Power Windows with Anti-Pinch Function for All Four Doors	-	●	-	●	●	●
Remote Control Power Windows Up/Down	-	●	-	●	●	●
Front USB Charging Port	●	●	●	●	●	●
Rear USB Charging Port	●	●	●	●	●	●
Front Hood Double Pull Unlock	●	●	●	●	●	●
Rear Door Remote Unlock	●	●	●	●	●	●
Trunk Remote Unlock	●	●	●	●	●	●
Electric Unlock Charging Port Cover	●	●	●	●	●	●
Front Hood Gas Spring Opening	●	●	●	●	●	●
Tire Repair Kit	●	●	●	●	●	●
In-Car 12V Power Supply	●	●	●	●	●	●
New Energy Technology						
ECO/SPORT/NORMAL/Snow Driving Mode	●	●	●	●	●	●
BYD Heart Intelligent Electronic Shifting	●	●	●	●	●	●
60 kW DC Fast Charging	●	●	-	-	-	-
70 kW DC Fast Charging	-	-	510	-	-	-
90 kW DC Fast Charging	-	-	-	-	-	-
7 kW AC Charging Port	●	●	●	●	●	●
Home 220V AC Charging Gun (3 to 7 adapter)	●	●	●	●	●	●
Reservation Charging System	●	●	●	●	●	●
Regenerative Braking System	●	●	●	●	●	●
VTOL Mobile Charging Station	●	●	●	●	●	●
VTOL Discharge Device	-	-	-	-	-	-
Wide Temperature Range High-Efficiency Heat Pump System	●	●	●	●	●	●
Lighting Equipment						
Arrow Feather LED Front Headlights	●	●	●	●	●	●
Automatic Headlight Activation	●	●	●	●	●	●
Headlight Early Activation/Delayed Shutdown	●	●	●	●	●	●
5mm Dragon Claw-style LED Tail Lights	●	●	●	●	●	●
LED Flowing Energy Rear Turn Signal Lights	●	●	●	●	●	●
Height-Adjustable Front Headlights	●	●	●	●	●	●
Luminous Thousand-Color Ambient Atmosphere Lights	-	-	-	-	-	-
LED Daytime Running Lights	●	●	●	●	●	●
LED Side Turn Signal Lights	●	●	●	●	●	●
LED High-Mounted Brake Lights	●	●	●	●	●	●
LED Front Interior Lights	●	●	●	●	●	●
LED Rear Interior Lights	●	●	●	●	●	●
LED Four-Door Courtesy Lights	●	●	●	●	●	●
LED Auxiliary Instrument Panel Lighting	●	●	●	●	●	●
LED Driver and Front Passenger Footwell Lights	●	●	●	●	●	●
Trunk Lighting	●	●	●	●	●	●
Dragon Armor Decoration Lights	●	●	●	●	●	●
LED Charging Port Light	●	●	●	●	●	●
Exterior Equipment						
Dual-Mode Electric Anti-Pinch Sunroof	-	●	-	●	●	●
Intermittent Boneless Wiper	●	●	●	●	●	●
17-inch Bicolor Aluminum Alloy Wheels	●	●	●	●	●	-
18-inch Bicolor Aluminum Alloy Wheels	-	-	-	-	-	-
Body-Colored Exterior Door Handles	●	●	●	●	●	●
Chrome Side Window Decorative Trim	●	●	●	●	●	●
Interior Equipment						
Cloud Blue Interior	○	○	○	○	○	○
Warm Sunshine Brown Interior	●	●	●	●	●	●
8.8-inch Suspended Instrument Panel	●	●	●	●	●	● (Full LCD)
Integrated Sporty Luxury Seats	●	●	●	●	●	●
Rear 4/6 Folding Seats	●	●	●	●	●	●
Adjustable Rear Headrests	●	●	●	●	●	●
High-Grade Leather Seats	●	●	●	●	●	●
High-Grade Soft Molded Dashboard	●	●	●	●	●	●
Rear Central Armrest with Cup Holders	●	●	●	●	●	●
Soft Four-Door Armrests	●	●	●	●	●	●
Soft Center Console Armrest	●	●	●	●	●	●
Driver's Footrest	●	●	●	●	●	●
Front and Rear Welcome Plastic Pedals	●	●	●	●	●	●
Driver and Front Passenger Sun Visors with Makeup Mirrors	●	●	●	●	●	●
Overhead Sunglasses Compartment	●	●	●	●	●	●
Note:						