



BYD QIN PLUS SPECIFICATION 2023-2024-2025-2026

Category	Parameters	Qin PLUS DM 2025 Zhijia DM-i 120KM Chaoyue	Qin PLUS DM 2025 Zhijia DM-i 55KM Lingxian	Qin L DM 2026 DM-i 128KM Lingxian	Qin L DM 2024 DM-i 80KM Lingxian	Qin PLUS DM 2023 DM-i Champion 120KM Zhuoyue
Basic Information	Official Guide Price (CNY)	103,800.00	79,800.00	106,800.00	99,800.00	145,800.00
	Manufacturer	BYD	BYD	BYD	BYD	BYD
	Vehicle Class	Compact Car	Compact Car	Midsize Car	Midsize Car	Compact Car
	Energy Type	Plug-in Hybrid	Plug-in Hybrid	Plug-in Hybrid	Plug-in Hybrid	Plug-in Hybrid
	Launch Time	2025.02	2025.02	2025.1	2024.05	2023.02
	Engine	1.5L 101HP L4 Plug-in Hybrid	1.5L 101HP L4 Plug-in Hybrid	1.5L 101HP L4 Plug-in Hybrid	1.5L 101HP L4 Plug-in Hybrid	1.5L 110HP L4 Plug-in Hybrid
	EV Range (Ministry of Industry and Information Technology, km)	90	43	100	-	-
	EV Range (NEDC, km)	120	-	-	-	-
	EV Range (WLTC, km)	90	43	100	60	101
	EV Range (CLTC, km)	120	55	128	80	-
	Comprehensive Range (Ministry of Industry and Information Technology, km)	2055	-	1245	-	-
	Charging Time (Hours)	Slow charge: 4.8	Slow charge: 2.52	Fast charge: 0.69	Slow charge: 4.8; Fast charge: 0.5	3.4
	Fast Charging Capacity (%)	-	30-80	30-80	-	-
	Engine Max Power (kW)	74(101Ps)	74(101Ps)	74(101Ps)	74(101Ps)	81(110Ps)
	Motor Max Power (kW)	120(163Ps)	120(163Ps)	160(218Ps)	120(163Ps)	145(197Ps)
	Engine Max Torque (N·m)	126	126	126	126	135
	Motor Max Torque (N·m)	210	210	260	210	325
	Transmission	E-CVT Continuously Variable Transmission	E-CVT Continuously Variable	E-CVT Continuously Variable	E-CVT Continuously Variable	E-CVT Continuously Variable

	Length x Width x Height (mm)	4780x1837x1515	4780x1837x1515	4830x1900x1495	4830x1900x1495	4765x1837x1495
	Body Structure	4-door 5-seat Sedan	4-door 5-seat	4-door 5-seat	4-door 5-seat	4-door 5-seat
	Max Speed (km/h)	180	180	180	180	185
	Official 0-100km/h Acceleration Time (s)	7.6	7.6	7.5	7.9	7.3
	WLTC Comprehensive Fuel Consumption (L/100km)	1.11	1.74	1.11	1.36	1.58
	100km Power Consumption (kWh/100km)	13.6	11.1	13.2	11.1	14.5
	Electric Energy Equivalent Fuel Consumption (L/100km)	-	1.54	1.26	1.64	-
	Minimum Load Fuel Consumption (Ministry of Industry and Information Technology, L/100km)	3.98	3.9	3.98	3.8	-
	Minimum Load Fuel Consumption (WLTC, L/100km)	3.98	3.9	3.98	3.8	4.6
	Minimum Load Fuel Consumption (NEDC, L/100km)	3.08	2.93	2.79	2.9	3.8
Body	Length (mm)	4780	4780	4830	4830	4765
	Width (mm)	1837	1837	1900	1900	1837
	Height (mm)	1515	1515	1495	1495	1495
	Wheelbase (mm)	2718	2718	2790	2790	2718
	Front Track (mm)	1580	1580	1620	1620	1580
	Rear Track (mm)	1590	1590	1620	1620	1590
	Number of Doors	4	4	4	4	4
	Door Opening Method	Conventional Door	Conventional Door	Conventional	Conventional	Conventional Door
	Number of Seats	5	5	5	5	5
	Curb Weight (kg)	1580	1480	1775	1660	1620
	Gross Vehicle Weight (kg)	1955	1855	2035	2035	1995
	Fuel Tank Capacity (L)	65	65	65	65	48

	Luggage Compartment Capacity (L)	-	-	-	-	500
	Minimum Turning Radius (m)	5.5	5.5	5.6	5.6	5.5
Engine	Engine Model	BYD472QC	BYD472QC	BYD472QC	BYD472QC	BYD472QA
	Displacement (mL)	1498	1498	1498	1498	1498
	Displacement (L)	1.5	1.5	1.5	1.5	1.5
	Intake Form	Natural Aspiration	Natural Aspiration	Natural Aspiration	Natural Aspiration	Natural Aspiration
	Engine Layout	Transverse	Transverse	Transverse	Transverse	Transverse
	Cylinder Arrangement	L	L	L	L	L
	Number of Cylinders	4	4	4	4	4
	Number of Valves per Cylinder	4	4	4	4	4
	Compression Ratio	-	-	-	-	15.5
	Valve Train	DOHC	DOHC	DOHC	DOHC	DOHC
	Max Horsepower (Ps)	101	101	101	101	110
	Max Power (kW)	74	74	74	74	81
	Max Net Power (kW)	70	70	70	70	78
	Max Power Speed (rpm)	6000	6000	6000	6000	6000
	Max Torque (N·m)	126	126	126	126	135
	Max Torque Speed (rpm)	4500	4500	4500	4500	4500
	Engine Thermal Efficiency (%)	46.06	46.06	46.06	46.06	43.04
	Fuel Type	Plug-in Hybrid	Plug-in Hybrid	Plug-in Hybrid	Plug-in Hybrid	Plug-in Hybrid
	Fuel Label	92#	92#	92#	92#	92#
Motor	Fuel Supply System	Multi-point EFI	Multi-point EFI	Multi-point EFI	Multi-point EFI	Multi-point EFI
	Cylinder Head Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
	Cylinder Block Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
	Emission Standard	National VI	National VI	National VI	National VI	National VI
	Motor Description	Plug-in Hybrid 163HP	Plug-in Hybrid 163HP	Plug-in Hybrid 218HP	Plug-in Hybrid 163HP	Plug-in Hybrid 197HP
	Motor Type	Permanent Magnet/Synchronous	Permanent Magnet/Synchronous	Permanent Magnet/Synchronous	Permanent Magnet/Synchronous	Permanent Magnet/Synchronous
	Total Motor Power (kW)	120	120	160	120	145
	Total Motor Horsepower (Ps)	163	163	218	163	197

	Total Motor Torque (N·m)	210	210	260	210	325
	Front Motor Max Power (kW)	120	120	160	120	145
	Front Motor Max Torque (N·m)	210	210	260	210	325
	Number of Drive Motors	Single Motor	Single Motor	Single Motor	Single Motor	Single Motor
	Motor Layout	Front-mounted	Front-mounted	Front-mounted	Front-mounted	Front-mounted
Battery/Charging	Battery Type	Lithium Iron Phosphate Battery	Lithium Iron Phosphate Battery	Lithium Iron Phosphate Battery	Lithium Iron Phosphate Battery	Lithium Iron Phosphate Battery
	Battery Feature Technology	Blade Battery	Blade Battery	Blade Battery	Blade Battery	Blade Battery
	Cell Brand	Fudi	Fudi	Fudi	Fudi	BYD
	Battery Warranty	Lifetime Warranty for First Owner (exclusions subject to official terms)	Lifetime Warranty for First Owner (exclusions subject to official terms)	Lifetime Warranty for First Owner (exclusions subject to official terms)	Lifetime Warranty for First Owner (exclusions subject to official terms)	Lifetime Warranty for First Owner (exclusions subject to official terms)
	Battery Capacity (kWh)	15.8	7.68	15.87	10.08	18.32
	Fast Charging Port	Standard	Standard	Standard	-	-
	Max Fast Charging Power (kW)	15	-	23	-	17
	Fast Charging Port Location	Right Fuel Tank Position	Right Fuel Tank Position	Right Fuel Tank Position	-	-
	Slow Charging Port Location	Right Fuel Tank Position	Right Fuel Tank Position	Right Fuel Tank Position	Right Fuel Tank Position	-
	Battery Temperature Management System	Low-temperature Heating; Liquid Cooling	Low-temperature Heating; Liquid Cooling	Low-temperature Heating; Liquid Cooling	Low-temperature Heating; Liquid Cooling	Low-temperature Heating; Liquid Cooling
	VTOL Mobile Power Station Function	Standard	Standard	Standard	Standard	Standard
	VTOL Max External Discharge Power	3.3kW	-	6kW	-	3.3kW
Transmission	Transmission Description	E-CVT Continuously Variable Transmission	E-CVT Continuously Variable	E-CVT Continuously Variable	E-CVT Continuously Variable	E-CVT Continuously Variable
	Number of Gears	Continuously Variable	Continuously Variable	Continuously Variable	Continuously Variable	Continuously Variable

	Transmission Type	Electronic Continuously Variable Transmission (E-CVT)	Electronic Continuously Variable Transmission (E-CVT)	Electronic Continuously Variable Transmission (E-CVT)	Electronic Continuously Variable Transmission (E-CVT)	Electronic Continuously Variable Transmission (E-CVT)
Chassis/Steering	Driving Mode	Front-wheel Drive	Front-wheel Drive	Front-wheel Drive	Front-wheel Drive	Front-wheel Drive
	Front Suspension	MacPherson Independent Suspension	MacPherson Independent Suspension	MacPherson Independent Suspension	MacPherson Independent Suspension	MacPherson Independent Suspension
	Rear Suspension	Trailing Arm Torsion Beam Non-independent Suspension	Trailing Arm Torsion Beam Non-independent Suspension	Multi-link Independent Suspension	Multi-link Independent Suspension	Trailing Arm Torsion Beam Non-independent Suspension
	Steering Type	Electric Power Steering	Electric Power Steering	Electric Power Steering	Electric Power Steering	Electric Power Steering
	Body Structure	Load-bearing Body	Load-bearing Body	Load-bearing	Load-bearing	Load-bearing Body
Wheels/Brakes	Front Brake Type	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Rear Brake Type	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc
	Parking Brake Type	Electronic Parking Brake	Electronic Parking Brake	Electronic Parking Brake	Electronic Parking Brake	Electronic Parking Brake
	Front Tire Specification	225/60 R16	225/60 R16	225/55 R17	225/60 R16	215/55 R17
	Rear Tire Specification	225/60 R16	225/60 R16	225/55 R17	225/60 R16	215/55 R17
Active Safety	ABS Anti-lock Braking System	Standard	Standard	Standard	Standard	Standard
	Brake Force Distribution (EBD/CBC, etc.)	Standard	Standard	Standard	Standard	Standard
	Brake Assist (EBA/BA, etc.)	Standard	Standard	Standard	Standard	Standard
	Traction Control (TCS/ASR, etc.)	Standard	Standard	Standard	Standard	Standard
	Electronic Stability Program (ESP/DSC, etc.)	Standard	Standard	Standard	Standard	Standard
	Active Safety Early Warning System - Lane Departure Warning	Standard	-	Standard	-	Standard

	Active Safety Early Warning System - Forward Collision Warning	Standard	-	Standard	-	Standard
	Active Safety Early Warning System - Rear Collision Warning	Standard	-	Standard	-	Standard
	Active Safety Early Warning System - Rear Cross Traffic Alert	Standard	-	Standard	-	Standard
	Active Safety Early Warning System - DOW Door Opening Warning	Standard	-	Standard	-	-
	Active Safety Early Warning System - Forward Traffic Alert	Standard	-	Standard	-	-
	Active Safety Early Warning System - Forward Traffic Emergency Braking	Standard	-	Standard	-	-
	Active Braking	Standard	-	Standard	-	Standard
	Lane Change Assist	Standard	-	Standard	-	Standard
	Lane Keeping Assist System	Standard	-	Standard	-	Standard
	Lane Centering	Standard	-	Standard	-	Standard
	Road Traffic Sign Recognition	Standard	-	Standard	-	Standard
Passive Safety	Front Airbags - Driver's Seat	Standard	Standard	Standard	Standard	Standard
	Front Airbags - Passenger's Seat	Standard	Standard	Standard	Standard	Standard
	Side Airbags - Front Row	Standard	Standard	Standard	Standard	Standard
	Side Air Curtains	Standard	Standard	Standard	Standard	Standard
	Seat Belt Reminder	Standard	Standard	Standard	Standard	Standard
	Tire Pressure Monitoring System	Tire Pressure Display	Tire Pressure Alarm	Tire Pressure Display	Tire Pressure Alarm	Tire Pressure Display

	Child Seat Interface (ISOFIX)	Standard	Standard	Standard	Standard	Standard
Assistance/Control Configuration	Parking Radar - Front	Standard	-	Standard	-	Standard
	Parking Radar - Rear	Standard	Standard	Standard	Standard	Standard
	Driving Assistance Camera - Reverse Camera	Standard	Standard	Standard	Standard	Standard
	Driving Assistance Camera - 360° Panoramic Camera	Standard	-	Standard	-	Standard
	Driving Assistance Camera - Transparent Camera	Standard	-	Standard	-	-
	Cruise Control - Constant Speed Cruise	Standard	Standard	Standard	Standard	Standard
	Cruise Control - Adaptive Cruise Control	Standard	-	Standard	-	Standard
	Cruise Control - Full-Speed Adaptive Cruise Control	Standard	-	Standard	-	Standard
	Automatic Lane Change Assist	Standard	-	Standard	-	-
	Ramp Automatic Exit/Entry	Standard	-	Standard	-	-
	Navigation-assisted Driving - Highway Section	Standard	-	Standard	-	-
	Driving Assistance Level	L2 Level	-	L2 Level	-	L2 Level
	Automatic Parking	Standard	-	Standard	-	-
	Automatic Hold (AUTOHOLD)	Standard	Standard	Standard	Standard	Standard
	Hill Start Assist (HAC)	Standard	Standard	Standard	Standard	Standard
	Driving Mode Selection - Sport	Standard	Standard	Standard	Standard	Standard
	Driving Mode Selection - Snow	Standard	Standard	Standard	Standard	Standard

	Driving Mode Selection - ECO/Economy	Standard	Standard	Standard	Standard	Standard
	Driving Mode Selection - Standard Comfort	Standard	Standard	Standard	Standard	Standard
	Brake Energy Recovery System	Standard	Standard	Standard	Standard	Standard
	Comfort Braking	Standard	Standard	Standard	Standard	Standard
	Low-speed Driving Warning Sound	Standard	Standard	Standard	Standard	Standard
External Configuration	Sunroof Type - Single Sunroof	Standard	-	-	-	Standard
	Active Grille Shutter	Standard	-	Standard	-	Standard
	Aluminum Alloy Wheels	Standard	-	Standard	Standard	Standard
Internal Configuration	Steering Wheel Material	Leather	Leather	Leather	Leather	Leather
	Steering Wheel Adjustment	Up & Down + Forward & Backward	Up & Down + Forward & Backward	Up & Down + Forward & Backward	Up & Down + Forward & Backward	Up & Down + Forward & Backward
	Steering Wheel Function - Multi-function Control	Standard	Standard	Standard	Standard	Standard
	Shift Lever Type - Electronic Gear Lever	Standard	Standard	-	Standard	Standard
	Shift Lever Type - Electronic Column-mounted Gear Lever	Standard	-	Standard	-	-
	Trip Computer Screen	Color	Color	Color	Color	Color
	Instrument Panel Style - Full LCD	Standard	LCD Combination Instrument	Standard	LCD Combination Instrument	Standard
	Instrument Panel Size (Inch)	8.8	8.8	8.8	8.8	8.8
Comfort/Anti-theft Configuration	Engine Immobilizer	Standard	Standard	Standard	Standard	Standard
	Central Door Lock	Standard	Standard	Standard	Standard	Standard
	Remote Key Type - Smart Remote Key	Standard	Standard	Standard	Standard	Standard

	Remote Key Type - Mobile Bluetooth Key	Standard	Standard	Standard	Standard	Standard
	Remote Key Type - NFC/RFID Key	Standard	Standard	Standard	Standard	Standard
	Remote Key Type - Wearable Key	Optional	-	-	-	-
	Keyless Entry - Driver's Seat	Standard	Standard	Standard	Front Row	Front Row
	Keyless Entry - Passenger's Seat	Standard	Standard	Standard	-	-
	Remote Start	Standard	Standard	Standard	Standard	Standard
	Remote Vehicle Movement	Standard	Standard	Standard	-	Standard
	Built-in Dash Cam	Standard	-	Standard	-	Standard
	Original ETC	Standard	Standard	Standard	Standard	-
	Wireless Phone Charging	Standard	-	Standard	Standard	-
	Wireless Phone Charging Max Power (W)	-	-	15	-	-
Seat Configuration	Seat Material	Imitation Leather	Imitation Leather	Imitation Leather	Imitation Leather	Imitation Leather
	Sport-style Seats	-	-	Standard	-	-
	Electric Seat Adjustment - Driver's Seat	Standard	-	Standard	-	Standard
	Electric Seat Adjustment - Passenger's Seat	Standard	-	-	-	-
	Driver's Seat Overall Adjustment - Forward & Backward	Standard	Standard	Standard	Standard	Standard
	Driver's Seat Overall Adjustment - Backrest Angle	Standard	Standard	Standard	Standard	Standard
	Driver's Seat Overall Adjustment - Height	Standard	Standard	Standard	Standard	Standard

	Driver's Seat Partial Adjustment - Headrest	Standard	Standard	Standard	Standard	-
	Passenger's Seat Overall Adjustment - Forward & Backward	Standard	Standard	Standard	Standard	Standard
	Passenger's Seat Overall Adjustment - Backrest Angle	Standard	Standard	Standard	Standard	Standard
	Passenger's Seat Partial Adjustment - Headrest	Standard	Standard	Standard	Standard	-
	Front Seat Function - Heating	-	-	Standard	-	-
	Front/Rear Armrest - Front Row	Standard	Standard	Standard	Standard	Standard
	Front/Rear Armrest - Rear Row	Standard	-	-	-	Standard
	Rear Seat Cup Holder	Standard	-	-	-	Standard
	Rear Seat Folding Ratio	4:6 Split Foldable	4:6 Split Foldable	4:6 Split Foldable	4:6 Split Foldable	4:6 Split Foldable
Intelligent Connectivity	Central Control Screen Size (Inch)	12.8	10.1	12.8	10.1	12.8
	Central Control Screen Material	LCD	LCD	LCD	LCD	-
	Rotatable/Movable Central Control Screen	Standard	-	Standard	Standard	Standard
	Satellite Navigation System	Standard	Standard	Standard	Standard	Standard
	Navigation Traffic Information Display	Standard	Standard	Standard	Standard	Standard
	Map Brand	Baidu	-	Baidu	-	Tencent; Amap
	Roadside Assistance Service	-	Standard	-	-	-
	Bluetooth/Car Phone	Standard	Standard	Standard	Standard	Standard
	Mobile Phone Interconnection Mapping	-	Carlink	-	-	HUAWEI HiCar
	In-vehicle Network	Standard	Standard	Standard	Standard	Standard
	4G/5G Network	5G	-	5G	-	4G

	OTA Upgrade	Standard	Standard	Standard	Standard	Standard
	Voice Recognition Control System	Standard	Standard	Standard	Standard	Standard
	Voice Wake-up-free Function	Standard	-	Standard	Standard	-
	Voice Zone Wake-up Recognition - Driver's Seat	Standard	Standard	Standard	Standard	Standard
	Voice Zone Wake-up Recognition - Passenger's Seat	Standard	Standard	Standard	Standard	-
	Continuous Voice Recognition	Standard	-	Standard	-	-
	See-and-Say Function	Standard	-	Standard	-	-
	Voice Assistant Wake-up Word	Hello Xiaodi	Hello Xiaodi	Hello Xiaodi	Hello Xiaodi	Hello Xiaodi
Audio-Visual Entertainment	Wi-Fi Hotspot	Standard	Standard	Standard	Standard	Standard
	App Store	Standard	Standard	Standard	Standard	Standard
	Multimedia Interface - SD Card Slot	Standard	-	Standard	-	-
	Multimedia Interface - USB/Type-C	Standard	Standard	Standard	Standard	Standard
	Number of USB/Type-C Interfaces - Front Row	2	1	2	1	2
	Number of USB/Type-C Interfaces - Rear Row	2	2	2	2	2
	USB/Type-C Max Charging Power - Front Row (W)	18W	-	-	-	15W; 10W
	USB/Type-C Max Charging Power - Rear Row (W)	-	18W	18W	-	10W
	Karaoke Function	Standard	-	Standard	-	Standard
	Number of Speakers	6	6	6	6	8
Lighting Configuration	Low Beam	LED	LED	LED	LED	LED
	High Beam	LED	LED	LED	LED	LED

	Daytime Running Lights	Standard	Standard	Standard	Standard	Standard
	Adaptive High/Low Beam	Standard	-	Standard	-	Standard
	Automatic Headlights	Standard	Standard	Standard	Standard	Standard
	Headlight Height Adjustment	Standard	Standard	Standard	Standard	Standard
	Interior Ambient Light	Single Color	-	-	-	Multi-color
	Headlight Delay Off	Standard	Standard	Standard	Standard	Standard
Glass/Rearview Mirror	Power Windows - Front Row	Standard	Standard	Standard	Standard	Standard
	Power Windows - Rear Row	Standard	Standard	Standard	Standard	Standard
	One-touch Power Window - Full Car	Standard	-	-	-	Standard
	One-touch Power Window - Driver's Seat	-	Standard	Standard	Standard	-
	Power Window Anti-pinch Function	Standard	Standard	Standard	Standard	Standard
	External Rearview Mirror Function - Electric Adjustment	Standard	Standard	Standard	Standard	Standard
	External Rearview Mirror Function - Heating	Standard	Standard	Standard	Standard	Standard
	External Rearview Mirror Function - Electric Folding	Standard	-	Standard	-	Standard
	External Rearview Mirror Function - Auto-folding when Locking	Standard	-	Standard	-	Standard
	Interior Vanity Mirror - Driver's Seat + No Lighting	Standard	-	Standard	-	Standard
	Interior Vanity Mirror - Passenger's Seat + No Lighting	Standard	Standard	Standard	Standard	Standard

Air Conditioning/Refrigerator	Air Conditioning Control Method	Automatic	Automatic	Automatic	Automatic	Automatic
	Rear Air Vents	Standard	Standard	Standard	Standard	Standard
	Dual-zone Air Conditioning	Standard	-	-	-	Standard
	In-vehicle Air Purifier	Standard	-	-	-	-
	In-vehicle PM2.5 Filter	Standard	Standard	Standard	Standard	Standard
	Negative Ion Generator	Standard	-	-	-	-
	AQS Air Quality Management System	Standard	-	-	-	-
Intelligent Configuration	Driving Assistance OS	DiPilot 100	-	DiPilot 100	-	DiPilot
	Driving Assistance Chip	NVIDIA DRIVE Orin N	-	NVIDIA DRIVE Orin N	-	-
	Driving Assistance Chip Computing Power (TOPS)	84	-	84	-	-
	In-vehicle Intelligent System	DiLink	DiLink	DiLink	DiLink	DiLink
	In-vehicle Intelligent Chip	D100	-	D100	-	-
	In-vehicle System Memory (GB)	-	4	-	-	6; 8
	In-vehicle System Storage (GB)	-	16	-	-	64; 256
	Mobile App Remote Control - Digital Key	Standard	Standard	Standard	Standard	Standard
	Mobile App Remote Control - Vehicle Monitoring	Standard	Standard	Standard	Standard	Standard
	Mobile App Remote Control - Remote Control	Standard	Standard	Standard	Standard	Standard
	Mobile App Remote Control - Charging Management	Standard	Standard	Standard	Standard	Standard

	Mobile App Remote Control - Service Reservation	Standard	Standard	Standard	Standard	Standard
	Heat Pump Management System	Standard	-	-	-	-
	Max Forward Detection Distance (m)	350	-	350	-	-
	Number of External Cameras	12	1	12	1	6
	External Camera Pixel	-	8MP*3	-	-	-
	Number of Ultrasonic Radars	12	4	12	4	6
	Number of Millimeter-wave Radars	5	-	5	-	3
	Sentry (Thousand-mile Eye) Mode	Standard	-	Standard	-	-