

BYD Qin PLUS DM-i 2021 55KM Flagship

Category	Item	Specification
Basic Information	Official Guide Price	127,800 CNY
	Manufacturer	BYD
	Vehicle Class	Compact Car
	Energy Type	Plug-in Hybrid Electric Vehicle
	Launch Time	Mar-21
	Engine	1.5L 110Ps L4 Plug-in Hybrid
	NEDC Pure Electric Range (km)	55
	Slow Charging Time (h)	2.52
	Engine Max Power (kW)	81 (110Ps)
	Motor Max Power (kW)	132 (180Ps)
	Engine Max Torque (N·m)	135
	Motor Max Torque (N·m)	316
	Transmission	E-CVT
	Dimensions (L×W×H) (mm)	4765×1837×1495
	Body Structure	4-door 5-seat Sedan
	Max Speed (km/h)	185
	0-100km/h Acceleration Time (s)	7.9
	NEDC Combined Fuel Consumption (L/100km)	1.2
	100km Power Consumption (kWh/100km)	11.7
	Equivalent Fuel Consumption of Electric Energy (L/100km)	1.3
	Fuel Consumption at Minimum State of Charge (L/100km)	3.8
Body	Length (mm)	4765
	Width (mm)	1837
	Height (mm)	1495
	Wheelbase (mm)	2718
	Front Track (mm)	1580
	Rear Track (mm)	1590
	Door Quantity	4
	Door Opening Type	Conventional Door
	Seat Quantity	5
	Curb Weight (kg)	1500
	Gross Vehicle Weight (kg)	1875
	Fuel Tank Capacity (L)	48
	Luggage Compartment Capacity (L)	500
	Minimum Turning Radius (m)	5.5
Engine	Engine Model	BYD472QA
	Displacement (mL)	1498 (1.5L)
	Intake Form	Naturally Aspirated
	Cylinder Arrangement	In-line
	Cylinder Quantity	4
	Valves per Cylinder	4
	Compression Ratio	15.5
	Valve Train	DOHC
	Max Power Speed (rpm)	6000
	Max Torque Speed (rpm)	4500
	Fuel Type	Plug-in Hybrid

	Fuel Grade	92# Gasoline
	Fuel Supply System	Multi-point EFI
	Cylinder Head Material	Aluminum Alloy
	Cylinder Block Material	Aluminum Alloy
	Emission Standard	National VI
Motor	Motor Type	Permanent Magnet Synchronous
	Total Motor Power (kW)	132
	Total Motor Horsepower (Ps)	180
	Total Motor Torque (N·m)	316
	Front Motor Max Power (kW)	132
	Front Motor Max Torque (N·m)	316
	Drive Motor Quantity	Single Motor
	Motor Layout	Front-mounted
Battery & Charging	Battery Type	Lithium Iron Phosphate Battery
	Battery Technology	Blade Battery
	Cell Brand	BYD
	Battery Warranty	Lifetime Warranty for the First Owner
	Battery Capacity (kWh)	8.32
	Battery Thermal Management System	Low-temperature Heating + Liquid Cooling
Transmission	Transmission Type	Electronic Continuously Variable Transmission (E-CVT)
Chassis & Steering	Drive Mode	Front-engine Front-wheel Drive
	Front Suspension	MacPherson Independent
	Rear Suspension	Torsion Beam Non-independent Suspension
	Steering Type	Electric Power Steering
	Body Structure	Load-bearing Body
Wheels & Brakes	Front Brake Type	Ventilated Disc Brake
	Rear Brake Type	Solid Disc Brake
Active Safety	ABS	Standard
	EBD/CBC	Standard
	EBA/BA	Standard
	TCS/ASR	Standard
	ESP/DSC	Standard
Passive Safety	Front Airbags	Driver + Passenger (Standard)
	Front Side Airbags	Standard
	Side Curtain Airbags	Standard
	Seat Belt Reminder	Standard
	Tire Pressure Monitoring System	Tire Pressure Display (Standard)
	ISOFIX Child Seat Interface	Standard
Assistance & Control Configuration	Rear Parking Radar	Standard
	Reversing Image	Standard
	Cruise Control System	Fixed-speed Cruise (Standard)
	Auto Hold	Standard
	Hill-start Assist Control (HAC)	Standard
	Driving Mode Selection	Sport / ECO / Comfort
	Brake Energy Recovery System	Standard
	Low-speed Driving Warning Sound	Standard
Exterior Configuration	Sunroof Type	Single Sunroof (Standard)
	Aluminum Alloy Wheels	Standard

Interior Configuration	Steering Wheel Material	Leather (Standard)
	Steering Wheel Adjustment	Up & Down + Fore & Aft
	Steering Wheel Function	Multi-function Control
	Instrument Screen Type	Full LCD Color Screen
Comfort & Anti-theft Configuration	Engine Immobilizer	Standard
	Central Door Lock	Standard
	Remote Key Type	Smart Remote Key / Bluetooth Key / NFC/RFID Key (Optional Wearable Key)
	Keyless Entry	Front Row (Standard)
	Keyless Start	Standard
	Remote Start	Standard
	Remote Vehicle Maneuvering	Standard
	Wireless Charging for Mobile Phone	Standard (15W Max Power)
Seat Configuration	Seat Material	Leatherette (Standard)
	Sports-style Seats	Standard
	Driver Seat Adjustment	Power (Fore & Aft / Backrest Angle / Height)
	Passenger Seat Adjustment	Manual (Fore & Aft / Backrest Angle)
	Front / Rear Armrest	Standard
	Rear Cup Holder	Standard
	Rear Seat Folding Ratio	40:60
Intelligent Connectivity	Central Control Screen Size (inch)	10.1
	Satellite Navigation System	Standard
	Navigation Traffic Information	Standard
	Bluetooth / Car Phone	Standard
	Vehicle Networking	Standard (4G)
	OTA Upgrade	Standard
	Voice Recognition Control System	Standard
	Voice Recognition Area	Driver Seat
	Voice Assistant Wake-up Word	Hello Xiaodi
	Wi-Fi Hotspot	Standard
Audio & Entertainment Configuration	App Store	Standard
	Multimedia Interface	USB/Type-C
	USB/Type-C Interface Quantity	Front 2 / Rear 2 (10W Max Charging Power Each)
	KTV Function	Standard
	Speaker Quantity	6
Lighting Configuration	Low Beam Light Source	LED (Standard)
	High Beam Light Source	LED (Standard)
	Daytime Running Lights	Standard
	Automatic Headlights	Standard
	Headlight Height Adjustment	Standard
	Headlight Delay-off	Standard
Glass & Rearview Mirror	Power Windows	Front & Rear Rows (Standard)
	One-touch Power Window	All Windows (Standard)
	Window Anti-pinch Function	Standard

	Exterior Rearview Mirror Functions	Electric Adjustment / Heating / Electric Folding / Auto Folding when Driver + Passenger (Without Illumination)
	Vanity Mirror	Driver + Passenger (Without Illumination)
	Rain-sensing Wipers	Standard
Air Conditioning & Refrigerator	Air Conditioning Control Mode	Automatic (Standard)
	Rear Air Vents	Standard
	Air Conditioning Zones	Dual-zone
Intelligent Configuration	In-car PM2.5 Filter Device	Standard
	In-car Intelligent System	DiLink
	Vehicle Machine Memory (GB)	6
Optional Packages	Vehicle Machine Storage (GB)	64
	Mobile App Remote Control	Digital Key / Vehicle Monitoring / Remote Control / Charging Management / Service Reservation
	Exterior Camera Quantity	1
Characteristic Configuration	Ultrasonic Radar Quantity	4
	Custom Optional Items	Exterior / Interior / Wheels / Brakes
	Adaptive Rotating Floating Pad	Standard