

EBU AUTO

BYD Song Pro DM 2022 DM-i 110 km Flagship Pro

Complete individual-trim configuration | English

Official Guide Price	RMB 165,800
USD Reference	USD 24,382
Energy	Plug-in Hybrid / DM-i PHEV
Drive	Front-engine FWD
Engine	1.5L 110 hp L4 Plug-in Hybrid
Battery	18.3 kWh
CLTC EV Range	-
Maximum System Power	145 kW (197 hp)
Maximum System Torque	325 N·m
Dimensions	4650 × 1860 × 1700 mm
Wheelbase	2712 mm
Seats	5 Seats

Full Configuration

Blank source cells are shown as -. ● indicates standard equipment; ○ indicates optional equipment.

Basic Information

Configuration Item	Value
Official Guide Price	RMB 165,799
Manufacturer	BYD
Vehicle Class	Compact SUV
Energy Type	Plug-in Hybrid
Launch Time	2021.12
Engine Description	1.5L 110 hp L4 Plug-in Hybrid
MIIT Pure Electric Range (km)	110
NEDC Pure Electric Range (km)	-
WLTC Pure Electric Range (km)	-
CLTC Pure Electric Range (km)	-
MIIT Combined Range (km)	-
NEDC Combined Range (km)	-
CLTC Combined Range (km)	-
Charging Time	DC Fast Charging60 minutes AC Charging5.5 hours
Fast Charge SOC (%)	30-80
Maximum System Power (kW)	-
Engine Maximum Power (kW)	81
Motor Maximum Power (kW)	145(197Ps)
Maximum System Torque (N·m)	325
Engine Maximum Torque (N·m)	135
Motor Maximum Torque (N·m)	325
Transmission	E-CVT Continuously Variable Transmission
Length × Width × Height (mm)	4650x1860x1700
Body Structure	5-door 5-seat SUV
Maximum Speed (km/h)	170
Official 0-100 km/h Acceleration (s)	7.9
NEDC Combined Fuel Consumption (L/100 km)	0.9
WLTC Combined Fuel Consumption (L/100 km)	-
Electricity Consumption (kWh/100 km)	15.9
Electric Energy Equivalent Fuel Consumption (L/100 km)	1.8
WLTC State Of Charge Fuel Consumption (L/100km)	5.3
NEDC State Of Charge Fuel Consumption (L/100km)	4.5
Period	6 years or 150,000 km
First Owner Period	Lifetime warranty for the three-electric system on non-commercial vehicles
Maintain Cost	9409.0 RMB

Body

Configuration Item	Value
Length (mm)	4650
Width (mm)	1860
Height (mm)	1700
Wheelbase (mm)	2712
Front Track (mm)	1565
Rear Track (mm)	1565

Configuration Item	Value
Min Clearance (mm)	-
Body Struct	SUV
Door Num (count)	5
Door Open Way	Hinged Doors
Seat Count (count)	5
Curb Weight (kg)	1772
Full Load Weight (kg)	2147
Oil Tank Volume (L)	52.0
Baggage Volume (L)	520-1340
Min Turning Radius	-
Drag Coefficient (Cd)	-

Engine

Configuration Item	Value
Engine Model	BYD472QA
Displacement (mL)	1498
Displacement (L)	1.5
Intake Type	Naturally Aspirated
Engine Layout	Transverse
Cylinder Arrangement	L
Cylinder Num (count)	4
Valves Per Cylinder Num (count)	4
Compression Ratio S	-
Air Supply	DOHC
Engine Max Horsepower (Ps)	110
Engine Max Power (kW)	81(110Ps)
Max Engine Net Power (kW)	-
Max Power Revolution (rpm)	6000
Engine Maximum Torque (N·m)	135
Engine Max Torque Revolution (rpm)	4500
Engine Fuel Efficiency (%)	43.04
Engine Unique Tech	VVT
Energy Type	Plug-in Hybrid
Fuel Grade	92#
Oil Supply	Multi-point Fuel Injection
Cylinder Head Material	-
Cylinder Material	-
Emission Standard	China VI

Electric Motor

Configuration Item	Value
Electric Motor Description	Plug-in Hybrid, 197 hp
Motor Type	Permanent Magnet / Synchronous
Total Motor Power (kW)	145
Total Motor Horsepower (Ps)	197
Total Motor Torque (N·m)	325
Front Motor Maximum Power (kW)	145
Front Motor Maximum Torque (N·m)	325
Rear Motor Maximum Power (kW)	-

Configuration Item	Value
Rear Motor Maximum Torque (N-m)	-
Electric System Power (kW)	-
Electric System Torque (N-m)	-
Electric Drive Number	Single Motor
Motor Layout	Front-mounted

Battery / Charging

Configuration Item	Value
Battery Type	LFP Battery
Battery Technology	Blade Battery
Battery Cell Brand	BYD
Battery Pack Warranty	Lifetime warranty for first owner (subject to official exclusions)
Battery Capacity (kWh)	18.3
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	-
Battery Charging	DC Fast Charging: 60 minutes; AC Charging: 5.5 hours; ● DC Fast-charging Port
Charging Time - Charging	DC Fast Charging 60 minutes AC Charging 5.5 hours
Quick Charge Interface - DC Fast Charging Port	● DC Fast-charging Port
Max Fast Charge Power (kw)	18
Quick Charge Position V5	-
Quick Charge Position V5 5 - Right-side Fuel Filler	-
Slow Charge Position V5	-
Slow Charge Position V5 5 - Right-side Fuel Filler	-
Battery Temperature Management System Heating	● Standard
Battery Temperature Management System Cooling	-
Single Footboard Mode	-
VTOL Power Station	● Standard
Max External Discharge Power	3.3kW
Vtov Max External Discharge Power	-

Transmission

Configuration Item	Value
Transmission	E-CVT Continuously Variable Transmission
Number of Gears	Continuously Variable Transmission
Transmission Type	Electronic Continuously Variable Transmission (E-CVT)

Chassis / Steering

Configuration Item	Value
Drive Type	Front-engine FWD
AWD Type	-
Front Suspension Type	MacPherson independent suspension
Rear Suspension Type	Multi-link independent suspension
Steering Assistance Type	Electric Power Steering
Car Body Structure	Unibody

Wheels / Brakes

Configuration Item	Value
Front Brake Type	Ventilated Disc

Configuration Item	Value
Rear Brake Type	Solid Disc
Parking Brake Type	Electronic Parking Brake
Front Tire Size	235/50 R19
Rear Tire Size	235/50 R19
Spare Tire Specification	-
Spare Tire Placement	-

Active Safety

Configuration Item	Value
ABS Anti Lock	● Standard
Brake Force (EBD/CBCetc.)	● Standard
Brake Assist (EBA/BAetc.)	● Standard
Traction Control (TCS/ASRetc.)	● Standard
Body Stability System (ESP/DSCetc.)	● Standard
Car Warning System	● Lane Departure Warning; ● Forward Collision Warning; ● Rear Collision Warning; ● Rear Cross-traffic Alert; ● Door Open Warning
Lane Warning System - Lane Warning	● Lane Departure Warning
Front Collision Warning - FrontCollisionWarning	● Forward Collision Warning
Rear Traffic Warning - RearCollisionWarning	● Rear Collision Warning
Reversing Warning System - Reverse Warning	● Rear Cross-traffic Alert
DOW Open Door Warning System - DOW -door Warning	● Door Open Warning
Forward Traffic Warning - Front Warning	-
Forward Traffic Braking - Front Braking	-
Active Brake	● Standard
Line Support	● Standard
Lane Keeping Assist	● Standard
Lane Center	● Standard
Fatigue Driving Warning	-
Active Dms Fatigue Detection	-
Vital Signs Detection	-
Road Traffic Sign Recognition	● Standard
Signal Recognition	-
Night Vision System	-

Passive Safety

Configuration Item	Value
Main Vice Airbag	● Driver; ● Front Passenger
Main Airbag - Driver Side	● Driver
Vice Airbag - Front Passenger	● Front Passenger
Front Rear Airbag	-
Front Airbag - Front Row	-
Side Air Curtain	● Standard
Main Vice Knee Airbag	-
Front Near Center Airbag	-
Seat Belt Prompted	● Standard
Tire Pressure System	Tire Pressure Display
Child Seat Interface (ISOFIX)	● Standard
Passive Pedestrian Protection	-
Explosion Tire	-
Navigation Assistance Control	-

Configuration Item	Value
Parking Radar	● ; ●
Front Parking Radar - -	●
Rear Parking Radar - -	●
Forward Car Departure Reminder	-
Narrow Road Assistance	-
Driving Assistant Camera	Rear Camera
Reversing Camera - ReverseCamera View	● Standard
Panoramic Camera - 360° Camera View	● 360° Panoramic View
Driving Assist Image - Camera View	● Transparent Chassis View
Cruise System	Cruise Control
Cruise - Cruise Control	Cruise Control
Adaptive Cruise - AdaptiveCruise Control	● Adaptive Cruise Control
Full Speed Adaptive Cruise - AdaptiveCruise Control	● Full-speed Adaptive Cruise Control
Auto Road Change	-
Auto Road Out In	-
Navigation Assisted Driving	-
Navigation Assisted Driving - -	-
Navigation Assisted Driving - -	-
Automatic Drive Level	● Level 2
Automatic Drive Level - L1	-
Automatic Drive Level - L2	● Level 2
Auto Park Entry	-
Track Reverse	-
Memory Parking	-
Automated Valet Parking	-
Auto Park (AUTOHOLD)	● Standard
Uphill Support (HAC)	● Standard
Steep Slope (HDC)	● Standard
Engine Sas Tech	-
Variable Suspension	-
Air Suspension	-
Air Suspension V2	-
Electromagnetic Induct Suspension	-
Variable Steer System	-
Front Slip Method	-
Rear Slip Method	-
Central Differential Lock	-
Four Wd Low	-
Overall Turn	-
Drive Mode	● Sport; ● Snow; ● ECO/Eco; ● StandardComfort
Drive Mode - Sport	● Sport
Drive Mode 5 - Off-road	-
Drive Mode 4 - Snow	● Snow
Drive Mode - ECO/Eco	● ECO/Eco
Drive Mode - StandardComfort	● StandardComfort
Brake Energy Regeneration	● Standard
Comfortable Braking	-
Low Speed Driving Warning	● Standard

Exterior

Configuration Item	Value
Skylight Type	Openable Panoramic Sunroof
Light Sensing Canopy	-
Roof Racks	● Standard
Sports Appearance Kit	-
Electric Spoiler	-
Active Closed Inlet Grid	-
Alloy Wheel	● Standard
Side Footrest	-
Frameless Design Door	-
Hidden Door Handle	-
Drag Hook	-

Interior

Configuration Item	Value
Steer Wheel Material	● Leather
Steer Wheel Material - Leather	● Leather
Steer Wheel Adjustment	+
Elec Steer Wheel Adjustment	-
Steer Wheel Functional	● Multifunction Controls
Multifunction Steer Wheel - FunctionControl	● Multifunction Controls
Steer Wheel Heating - Heating	-
Gear Shift Mode	-
Gear Shift Mode 6 - -speed	-
Gear Shift Mode - -speed	-
Lcd Dashboard Type	Full LCD Instrument Cluster
Lcd Dashboard Size (inches)	● 8.8
Lcd Dashboard Size 8 (inches) - 8	-
Lcd Dashboard Size 8.8 (inches) - 8.8	● 8.8

Comfort / Anti-theft

Configuration Item	Value
Electric Door	-
Electric Back Door	● Standard
Inductive Back Door	-
Electric Back Door Memory	● Standard
Engine Anti Theft	● Standard
Central Locking Car	● Standard
Remote Key	● ; ● PhoneBluetooth ; ● NFC/RFID
Remote Key - -	●
Remote Key 5 - PhoneBluetooth	● PhoneBluetooth
Remote Key 6 - NFC/RFID	● NFC/RFID
Keyless Entry	Front Row
Keyless Start	● Standard
Engine Remote Start	● Standard
Remote Control Move	● Standard
Car Call	-
Header Display System (HUD)	-
Built In Tachograph	● Standard
Original ETC	-

Configuration Item	Value
Active Noise Reduction	-
Mobile Wireless Charging	● Standard
Wireless Charging Max Power (W)	15
Wireless Charging Max Power 15 (W) - 15	15
Wireless Charging Max Power 50 (W) - 50	-
Power Outlet	-
Baggage 12v Power Outlet	-
Seats	-
Seat Material	Leatherette
Sport Style Seat	-
Layout Seat	● 2+3
Layout Seat 4 - 2+3	● 2+3
Second Independent Seat	-
Third Row Seat Count	-
Seat Electrical Adjustment	● Driver; ● Front Passenger
Main Drive Seat Adjustment - Driver Side	● Driver
Vice Drive Seat Adjustment - Front Passenger	● Front Passenger
Stowable Third Row Seats	-
Main Drive Whole Adjustment	● Fore/Aft Adjustment; ● Backrest Angle; ● Height Adjustment
Main Drive Back And Forth Adjustment - -	● Fore/Aft Adjustment
Main Drive Backrest Adjustment - -	● Backrest Angle
Main Drive Height Adjustment - Adjustment	● Height Adjustment
Main Drive Part Adjustment	-
Main Drive Pillow Adjustment - -	-
Main Drive Waist Adjustment - -	-
Vice Drive Whole Adjustment	● Fore/Aft Adjustment; ● Backrest Angle
Vice Drive Back And Forth Adjustment - -	● Fore/Aft Adjustment
Vice Drive Backrest Adjustment - -	● Backrest Angle
Vice Drive Part Adjustment	-
Vice Drive Pillow Adjustment - -	-
Second Seat Control Functional	● Backrest Angle Adjustment
Second Row Seat Backrest Adjustment - Adjustment	● Backrest Angle Adjustment
Second Local Seat	-
Front Seat Functional	● Standard
Front Seat Heating - Heating	● Heating
Front Seat Ventilation - Ventilation	● Ventilation
Front Seat Massage - Massage	-
Front Seat Memory - Memory(Driver)	-
Rear Seat Functional	-
Third Seat Functional	-
Co Pilot Rear Adjustable Button	-
Centre Armrest	● Front Row; ● Rear Row
Front Armrest - Front Row	-
Back Armrest - Rear Row	● Rear Row
Rear Cup Holder	● Standard
Hot Cold Cup Holder	-
Second Row Seat Down Ratio	40:60
Rear Seat Electric Down	-
Second Row Small Desktop	-

Intelligent Connectivity

Configuration Item	Value
Center Screen Size (inches)	15.6
Center Console Screen Material	-
Center Console Screen Material - LCD	-
Rotatable Center Screen	● Standard
GPS	● Standard
Ar Reality Navigation	-
Navigation System	● Standard
Map Brand	-
Map Brand Baidu - Baidu	-
Map Brand Amap - Amap	-
Position Service	-
Bluetooth And Car Phone	● Standard
Mobile System	-
Mobile System 11 - Carlink	-
Mobile System 8 - HUAWEI HiCar	-
Mobile System 5 - -	-
Car Networking	● Standard
Data Network	● 4G
Data Network - 5G	-
Data Network - 4G	● 4G
OTA Upgrade	● Standard
Facial Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Speech Recognition System	● Standard
Voice Wake Up Free	-
Voice Wake Up Recognition	● Single Voice Zone
Voice Wake Up Recognition - -	-
Voice Wake Up Recognition 4 - -	-
Voice Wake Up Recognition - -	● Single Voice Zone
Voice Recognition	-
Visible To Say	-
Voice Wake Up Word	Hi Xiaodi
Gesture Control System	-
Wi-Fi	● Standard

Audio / Entertainment

Configuration Item	Value
Multi Finger Screen Control	-
APP Store	● Standard
Multimedia Interface	● SD Card Slot; ● USB/Type-C
Multimedia Interface - SD	● SD Card Slot
Multimedia Interface - USB/Type-C	● USB/Type-C
USB Typec Interface Count	● 2 Front Ports; ● 2 Rear Ports
Front USB Typec Interface Count - Front Row2	● 2 Front Ports
Rear USB Typec Interface Count - Rear Row2	● 2 Rear Ports
USB Typec Interface Max Charging Power	Front 10W; Rear 10W

Configuration Item	Value
Front USB Typec Max Charging Power 10 - Front 10W	Front 10W
Back USB Typec Max Charging Power 10 - Rear 10W	Rear 10W
Car Tv	-
Rear Lcd Screen	-
Voice Simulate	-
Karaoke	<input type="radio"/> Optional
Sound Brand	-
Speaker (count)	9
Rear Touch Control System	-

Lighting

Configuration Item	Value
Low Headlamp Type	LED
High Headlamp Type	LED
Daytime Light	<input checked="" type="radio"/> Standard
Adaptive Light	<input checked="" type="radio"/> Standard
Auto Headlamp	<input checked="" type="radio"/> Standard
Steer Assist Light	-
Front Fog Light	-
Headlamp Follow Up (AFS)	-
Headlight Height Adjustment	<input checked="" type="radio"/> Standard
Headlight Clean Function	-
Interior Light	Single-color
Active Ambient Light	-
Active Ambient Light - <input checked="" type="radio"/> Standard	-
Light Special Function	-
Light Projection Technology	-
Headlamp Delay Off	<input checked="" type="radio"/> Standard
Headlamp Rain Fog Mode	-

Glass / Mirrors

Configuration Item	Value
Electric Window	<input checked="" type="radio"/> Front Row; <input checked="" type="radio"/> Rear Row
Front Electric Window - Front Row	-
Rear Electric Window - Rear Row	<input checked="" type="radio"/> Rear Row
Window One Key Lift	Whole Vehicle
Window Anti Clip Function	<input checked="" type="radio"/> Standard
Exter Mirror Functional	<input checked="" type="radio"/> Power Adjustment; <input checked="" type="radio"/> Heating; <input checked="" type="radio"/> Power Folding; <input checked="" type="radio"/> Auto Folding When Locked
Exter Mirror Elec Adjustment - PowerAdjustment	<input checked="" type="radio"/> Power Adjustment
External Mirror Heat - Heating	<input checked="" type="radio"/> Heating
Outside Mirror Electric Folding - PowerFolding	<input checked="" type="radio"/> Power Folding
Outside Mirror Memory - Memory	-
External Mirror Auto Flip - ReverseAutomatic	-
External Mirror Auto Fold - LockAutomaticFolding	<input checked="" type="radio"/> Auto Folding When Locked
Inside Mirror Functional	<input checked="" type="radio"/> Automatic Anti-glare
Inside Mirror Auto Anti Glare - Automatic	<input checked="" type="radio"/> Automatic Anti-glare
Car Window Sunshade Mirror	<input checked="" type="radio"/> Driver with Lighting; <input checked="" type="radio"/> Front Passenger with Lighting
Main Drive Window Sunshade Mirror - Driver+with Lighting	<input checked="" type="radio"/> Driver with Lighting
Vice Drive Window Sunshade Mirror - Front Passenger+with Lighting	<input checked="" type="radio"/> Front Passenger with Lighting

Configuration Item	Value
Backside Privacy Glass	-
Window Sunshade	-
Rain Induction Wiper	-
Rear Wiper	● Standard
Rear Window Open Method	-
Multilayer Soundproof Glass	-
Front Windshield Electric Heating	-
Heated Nozzle	-

Climate / Refrigerator

Configuration Item	Value
Air Control Model	Automatic
Rear Independent Air Conditioning	-
Rear Exhaust	● Standard
Temperature Partition Control	● Climate Control
Temperature Partition Control - Climate Control	● Climate Control
Car Purifier	● Standard
Pm25 Filtrating Equipment	● Standard
Negative Ion Generator	-
Car Fragrance Device	-
Aqs Air Quality Management System	-
Car Refrigerator	-
Car Fridge Feature	-
Car Fridge Feature - Refrigeration	-
Car Fridge Feature - Heating	-
Car Fridge Feature - Freezing	-

Intelligent Driving

Configuration Item	Value
Driving Assist Op System	● DiPilot
Driving Assist Op System Dipilot 100 - DiPilot 100	-
Driving Assist Op System Dipilot - DiPilot	● DiPilot
Driving Assist Chip	-
Driving Assist Chip Nvidia drive orin n - NVIDIA DRIVE Orin N	-
Driving Assist Chip Nvidia drive orin x - NVIDIA DRIVE Orin X	-
Driving Assist Chip Computing (TOPS)	-
Driving Assist Chip Computing 84 (TOPS) - 84	-
Driving Assist Chip Computing 254 (TOPS) - 254	-
Car Intelligent System	● DiLink
Car Intelligent System Dilink - DiLink	● DiLink
Car Intelligent Chip	-
Car Intelligent Chip D100 - D100	-
Car System Memory (GB)	● 8
Car System Memory 6 (GB) - 6	-
Car System Memory 8 (GB) - 8	● 8
Car System Memory 12 (GB) - 12	-
Car System Storage (GB)	● 128
Car System Storage 64 (GB) - 64	-
Car System Storage 128 (GB) - 128	● 128

Configuration Item	Value
Car System Storage 256 (GB) - 256	-
Mobile Remote Control	<input checked="" type="radio"/> RemoteControl; <input checked="" type="radio"/> Charging ; <input type="radio"/>
Mobile Remote Control 4 - -	-
Mobile Remote Control 5 - -	<input checked="" type="radio"/>
Mobile Remote Control 6 - RemoteControl	<input checked="" type="radio"/> RemoteControl
Mobile Remote Control 7 - Charging	<input checked="" type="radio"/> Charging
Mobile Remote Control 8 - -	<input checked="" type="radio"/>
Heat Pump Management System	-
Max Detection Distance Forward (m)	-
Max Detection Distance Forward 350 (m) - 350	-
Camera Count (count)	6
Outer Camera Pixel	-
Outer Camera Pixel 8000,000*3 - 8MP x 3	-
Inner Camera Pixel	-
Ultrasonic Radar (count)	6
Millimeter Wave Radar (count)	1
Laser Radar (count)	-
Laser Radar (count) - 1	-
High Precision Position System	-
High Precision Map	-
Sentinel Mode	<input checked="" type="radio"/> Standard
V2x Communication	-

Optional Packages

Configuration Item	Value
User Custom Pkg	Exterior, interior, wheel and brake options available
Configuration Item	-
BYD Advanced Technology Package - Detail	-
BYD Advanced Technology Package - Detail	-

Special Features

Configuration Item	Value
Configuration Item	<input checked="" type="radio"/> Standard
VTOL Mobile Power Station Function - Detail	<input checked="" type="radio"/> Standard
Configuration Item	-
Holographic Transparent View System - Detail	-
Configuration Item	-
Mobile Power Station Function - Detail	-
Configuration Item	-
Adaptive Rotating Floating Pad - Detail	-