

EBU AUTO

BYD Yuan Plus / Atto 3 2022 510 km Flagship Plus Edition



Basic Information

Parameter	Value
Official Guide Price	16.78
Manufacturer	BYD
Segment	Compact SUV
Energy Type	Pure electric
Launch Time	2022.02
Motor Description	Pure electric 204 hp
MIIT Pure Electric Range (km)	510
CLTC Pure Electric Range (km)	-
Charging	30 min 8.64 h
Fast Charging Window (%)	30-80
Maximum Power (kW)	150(204 Ps)
Maximum Torque (N·m)	310
Transmission	Single-speed EV transmission
Length × Width × Height (mm)	4455 × 1875 × 1615
Body Structure	55 SUV
Maximum Speed (km/h)	160
Official 0-100 km/h Acceleration (s)	7.3
Electricity Consumption (kWh/100 km)	12.5
Electric Energy Equivalent Fuel Consumption (L/100 km)	1.41
Vehicle Warranty	615
6	2424.0

Body

Parameter	Value
Length (mm)	4455
Width (mm)	1875
Height (mm)	1615
Wheelbase (mm)	2720
Front Track (mm)	1575
Rear Track (mm)	1580
Minimum (mm)	-
Body Structure	SUV
Number of Doors	5
Door	Conventional hinged doors
Number of Seats	5
Curb Weight (kg)	1690
Gross Vehicle Weight (kg)	2065
Front (L)	-
Trunk Capacity (L)	434-1338
Minimum	-
(Cd)	-

Electric Motor

Parameter	Value
Motor	Pure electric 204 hp
Motor Type	Permanent magnet / synchronous
Total Motor Power (kW)	150
Total Motor Horsepower (Ps)	204
Total Motor Torque (N·m)	310
Front Motor Maximum Power (kW)	150
Front Motor Maximum Torque (N·m)	310
Rear Motor Maximum Power (kW)	-
Rear Motor Maximum Torque (N·m)	-
Number of Drive Motors	Single motor
Motor Layout	Front-mounted

Battery / Charging

Parameter	Value
Battery Type	LFP battery
Battery Technology	Blade battery
Battery Cell Brand	BYD
Battery Pack Warranty	Lifetime warranty for the first owner (official exemption terms apply)
Battery Capacity (kWh)	60.48
Battery Energy Density (Wh/kg)	150.0
Battery Charging	-

Battery Charging

Parameter	Value
Battery Charging Charging	Standard
DC Fast-charging Port	Standard

Battery / Charging

Parameter	Value
Maximum Power (kw)	80

DC Charging Port Position

Parameter	Value
DC Charging Port Position (Right rear side)	-
DC Charging Port Position (Right fender)	-

AC Charging Port Position

Parameter	Value
DC Charging Port Position (Right rear side)	-
DC Charging Port Position (Right fender)	-

Battery / Charging

Parameter	Value
Battery System	Standard
Battery System	Liquid cooling
One-pedal Mode	-
VTOLFunction	Standard
VTOLMaximum Power	3.3 kW
VTOVMaximum Power	-

Transmission

Parameter	Value
Transmission Description	Single-speed EV transmission
Number of Gears	1
Transmission Type	Single-speed gearbox

Chassis / Steering

Parameter	Value
Drive Type	Front-mounted FWD

Parameter	Value
Front Suspension Type	MacPherson independent suspension
Rear Suspension Type	Multi-link independent suspension
Power Steering Type	Electric power steering
Vehicle Body Structure	Unibody

Wheels / Brakes

Parameter	Value
Front Brake Type	Ventilated disc
Rear Brake Type	Disc
Parking Brake Type	Electronic parking
Front Tire Size	215/55 R18
Rear Tire Size	215/55 R18
Spare Tire Specification	-
Spare Tire Placement	-
Active Safety	-
ABS	Standard
(EBD/CBC)	Standard
Assist (EBA/BA)	Standard
Control (TCS/ASR)	Standard
Body System (ESP/DSC)	Standard

Active Safety Warning System

Parameter	Value
Lane Departure Warning	Standard
Forward Collision Warning	Standard
Rear Collision Warning	Standard
Rear Cross Traffic Alert	Standard
Door Open Warning	Standard
Front Cross Traffic Alert	-
Front Cross Traffic Braking	-

Wheels / Brakes

Parameter	Value
Autonomous Emergency Braking	Standard
Blind Spot Monitoring	Standard
Assist System	Standard
Lane Centering	Standard
Driver Fatigue Alert	-
DMS	-
In-cabin Vital Signs Detection	-
Traffic Sign Recognition	Standard
Traffic Light Recognition	-
Night Vision System	-
Passive Safety	-

Front Airbag Driving

Parameter	Value
Driver Seat	Standard
Front Passenger Seat	Standard

Side Airbags

Parameter	Value
Front Row	Standard

Wheels / Brakes

Parameter	Value
Side Curtain Airbags	Standard
Front Airbag	-

Center Airbag

Parameter	Value
Front Row	-

Wheels / Brakes

Parameter	Value
Seat Belt Reminder	Standard
Tire Pressure System	Tire pressure display
Seat (ISOFIX)	Standard
Pedestrian Protection	-
Tire	-
Assist /Feature	-

Parking Sensors

Parameter	Value
Front Parking Radar	Standard
Rear Parking Radar	Standard

Wheels / Brakes

Parameter	Value
Forward Car Departure Reminder	-
Assist	-

Driving Assist Camera View Camera View

Parameter	Value
Driving Assist Camera View Camera View	Standard
Driving Assist Camera View 360°Camera View	Standard
Driving Assist Camera View Camera View	Standard

Cruise System Cruise

Parameter	Value
Cruise System Cruise	Standard
Cruise System Cruise	Standard
Cruise System Cruise	Standard

Wheels / Brakes

Parameter	Value
Automatic Assist	-
Automatic <input type="checkbox"/>	-

Navigation-assisted Driving

Parameter	Value
Highway Navigation Assist	-
Urban Navigation Assist	-

Wheels / Brakes

Parameter	Value
Assist Driving	L2
Automatic Parking	Standard
Reverse Track Assist	-
Memory Parking	-
Automated Valet Parking	-
Automatic (AUTOHOLD)	Standard
Assist (HAC)	Standard
(HDC)	Standard
Adjustable Suspension	-
Air Suspension	-
Air Suspension	-
Electromagnetic Suspension	-
Variable Steering Ratio	-
Front Slip Method	-
Rear Slip Method	-

Parameter	Value
Center Differential Lock	-
Low-speed 4WD	-
Overall Turn	-

Drive Mode Selection

Parameter	Value
Sport	Standard
Snow	-
Eco	Standard
Normal / Comfort	Standard

Wheels / Brakes

Parameter	Value
Brake Energy Regeneration	Standard
Comfort Brake	-
Low-speed Acoustic Alert	Standard
Exterior Features	-
Sunroof Type	Panoramic sunroof
Panoramic Canopy Sunshade	-
Intelligent	-
Roof Rails	Standard
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutter	-
Alloy Wheels	Standard
Side Step	-
Door	-
Hidden Door Handles	-
Tow Hook	-
Interior Features	-

Steering Wheel Material

Parameter	Value
Steering Wheel Material	Standard

Wheels / Brakes

Parameter	Value
Steering Wheel	+
Steering Wheel	-

Steering Wheel Function

Parameter	Value
Steering Wheel Function Function Control	Standard
Heating	-

Gear Selector Type

Parameter	Value
Gear Selector Type (Electronic column shifter)	-
Gear Selector Type (Electronic gear selector)	-

Wheels / Brakes

Parameter	Value
Instrument Cluster Style	Full LCD

Size ()

Parameter	Value
LCD Dashboard Size	Standard
8.8	-

Wheels / Brakes

Parameter	Value
/Feature	-
Soft-close Doors	-
Power Tailgate	Standard
Hands-free Tailgate	-
Tailgate Position Memory	-
Central Lock	Standard

Key Type Intelligent Key

Parameter	Value
Key Type Intelligent Key	Standard
Key Type Key	Standard
Key Type NFC/RFIDKey	Standard

Wheels / Brakes

Parameter	Value
Key	Driver seat
Key	Standard
Remote	Standard
Remote Vehicle Move	Standard
Vehicle Summon	-
System (HUD)	-

HUDSize ()

Parameter	Value
12	-

Wheels / Brakes

Parameter	Value
Built-in Driving Recorder	Standard
ETC	-
Active Noise Cancellation	-
Charging	Standard

Charging Maximum Power (W)

Parameter	Value
15	15
50	-

Wheels / Brakes

Parameter	Value
110V/220V/230V	-
12V	-
Seat Feature	-
Seat Material	Synthetic leather
Sport Seats	Standard

Seat Layout

Parameter	Value
2+3	Standard

Wheels / Brakes

Parameter	Value
Second-row Independent Seats	-
Third-row Seats	-

Power Seat Adjustment

Parameter	Value
Driver Seat	Standard
Front Passenger Seat	Standard

Wheels / Brakes

Parameter	Value
Rear Seat	-

Driver Seat Overall Adjustment

Parameter	Value
Seat Front Rear	Standard
Backrest Angle	Standard
Height Adjustment	Standard

Driver Seat Partial Adjustment

Parameter	Value
Headrest	-

Front Passenger Seat Overall Adjustment

Parameter	Value
Seat Front Rear	Standard
Backrest Angle	Standard

Front Passenger Seat Partial Adjustment

Parameter	Value
Headrest	-
Leg Rest	-

Wheels / Brakes

Parameter	Value
Second Seat Control Functional	-
Second Local Seat	-

Front Seat Function

Parameter	Value
Heating	-
Front Seat Function	-
Memory	-

Wheels / Brakes

Parameter	Value
Seat Function	-
Seat Function	-
Boss Button	-

Front /Rear

Parameter	Value
Front Row	Standard
Rear Row	Standard

Wheels / Brakes

Parameter	Value
Rear Cup Holder	Standard
/	-
Rear Seat	40:60
Rear Seat	-
Second-row Tray Table	-
Intelligent	-
Size ()	15.6
Material	-
/	Standard
Satellite Navigation	Standard
AR	-
Navigation Traffic Information Display	Standard

Map Provider

Parameter	Value
Baidu	-
Amap	-

Wheels / Brakes

Parameter	Value
Roadside Assistance Service	-
/	Standard

Phone Projection

Parameter	Value
HUAWEI HiCar	-
Carlink	-
Smartphone Connectivity / Mirroring (OEM system)	-

Wheels / Brakes

Parameter	Value
Connected Vehicle	Standard

4G/5G

Parameter	Value
5G	-
4G	Standard

Wheels / Brakes

Parameter	Value
OTA	Standard
Face Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Control System	Standard
Voice Wake Up Free	Standard

Multi-zone Voice Wake-up Recognition

Parameter	Value
Four-zone	-
Single-zone	Standard

Wheels / Brakes

Parameter	Value
Continuous Voice Recognition	Standard
Visible-to-speak Function	-
Voice Assistant Wake-up Words	Hi, Di
Control Function	-
Wi-Fi	Standard
Audio / Video Entertainment	-
Multi-finger Screen Transfer Control	-
App Store	Standard

Media Ports

Parameter	Value
USB/Type-C	Standard

USB/Type-CQuantity

Parameter	Value
USB/Type-CQuantity Front 3	Standard
USB/Type-C Port Count - 1 Rear	Standard

USB/Type-C Maximum Charging Power

Parameter	Value
USB/Type-C Maximum Charging Power Front 10W	Standard
USB/Type-C Maximum Charging Power Rear 10W	Standard

Wheels / Brakes

Parameter	Value
In-car TV	-
Rear LCD Screen	-
Simulated Sound	-
KFunction	Standard
Audio Brand	-
Quantity ()	8
Ceiling Audio Channel	-
Rear Control	-
Special Features	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	Standard
Adaptive High / Low Beam	Standard
Automatic Headlights	Standard
Assist	-
Front Fog Light	-
(AFS)	-
Headlight Height Adjustment	Standard
Headlight Clean Function	-
Interior Ambient Lighting	Multi-color

Active Ambient Lighting

Parameter	Value
Active Ambient Lighting (Standard)	-

Wheels / Brakes

Parameter	Value
Light Special Function	-
Light Projection Technology	-
Headlight Delay-off	Standard
Headlamp Rain Fog Mode	-
/Rear	-

Power Windows

Parameter	Value
Front Row	Standard
Rear Row	Standard

Wheels / Brakes

Parameter	Value
One-touch Window Operation	Full vehicle
Window Anti Clip Function	Standard

Exterior Mirror Functions

Parameter	Value
Power Adjustment	Standard
Heating	Standard
Power Folding	Standard
Memory	-
Auto Tilt-down in Reverse	-
Auto Folding on Lock	Standard

Rear Function

Parameter	Value
Auto-dimming	Standard

Vanity Mirrors

Parameter	Value
Driver Side with Lighting	Standard
Passenger Side with Lighting	Standard

Wheels / Brakes

Parameter	Value
Rear Privacy Glass	-
Interior Sunshade	-
Rain-sensing Wipers	-
Rear Wiper	Standard
Rear Window Opening	-
Multi-layer Soundproof Glass	-
Front Windshield Electric Heating	-
Heated Washer Nozzles	-
/	-
Air Control Model	Automatic
Rear Independent Air Conditioning	-
Rear Air Vents	Standard

Temperature Zone Control

Parameter	Value
Dual-zone Climate Control	-

Wheels / Brakes

Parameter	Value
In-car Air Purifier	Standard
PM2.5	Standard
Negative Ion Generator	-
Interior Fragrance System	-
AQSSystem	-
In-car Refrigerator	-

Onboard Refrigerator Functions

Parameter	Value
Refrigeration	-
Heating	-
Freezing	-

Assist Driving System DiPilot 100

Parameter	Value
DiPilot 100	-
DiPilot 300	-
DiPilot	Standard

Assist Driving NVIDIA DRIVE Orin N

Parameter	Value
NVIDIA DRIVE Orin N	-
NVIDIA DRIVE Orin X	-

Assist Driving (TOPS) 84

Parameter	Value
84	-
254	-

Intelligent System DiLink

Parameter	Value
DiLink	Standard

System (GB)

Parameter	Value
Car System Memory	Standard
12	-

System (GB)

Parameter	Value
64	Standard
256	-

Mobile App Remote Control

Parameter	Value
AppRemote Control Key	Standard
Vehicle Monitoring	Standard
AppRemote Control Remote Control	Standard
AppRemote Control Charging	Standard
Service Appointment	Standard

Smart Features

Parameter	Value
Heat Pump Management System	Standard
Camera Quantity ()	6
Camera	-

Camera Quantity ()

Parameter	Value
Incar Camera Count	-

Smart Features

Parameter	Value
Camera	-
Radar Quantity ()	12
Radar Quantity ()	3

Radar Quantity ()

Parameter	Value
Laser Radar	-

Smart Features

Parameter	Value
High Precision Position System	-
High Precision Map	-
□□	-
V2X	-
Optional Package	-
Custom Options	Optional exterior, interior, wheels and brakes

Tire □235/50 R18□

Parameter	Value
Continental Tires (235/50 R18)	Optional (RMB 2000)

Smart Features

Parameter	Value
Special Features	-

360°Camera View System

Parameter	Value
360° Panoramic Transparent View System	Standard

VTOL Mobile Power Station

Parameter	Value
VTOL Mobile Power Station	Standard

Adaptive Rotating Floating Display

Parameter	Value
Adaptive Rotating Floating Display	Standard