

# EBU AUTO

## 2025 BYD Fangchengbao Leopard 3 501KM AWD Max

Complete individual-trim configuration | English

<b>Official Guide Price</b>	RMB 153,800
<b>USD Reference</b>	USD 22,618
<b>Energy</b>	EV / Pure Electric
<b>Drive</b>	AWD
<b>Battery</b>	72.96 kWh
<b>CLTC EV Range</b>	501 km CLTC
<b>Maximum Motor Power</b>	310 kW (422 hp)
<b>Maximum Motor Torque</b>	510 N·m
<b>Dimensions</b>	4605 × 1900 × 1720 mm
<b>Wheelbase</b>	2745 mm
<b>Seats</b>	5 Seats

# Full Configuration

Blank source cells are shown as -. ● indicates a selected or standard item; ○ indicates an optional item.

## Basic Information

Configuration Item	Value
Official Guide Price	RMB 153,800
Manufacturer	Fangchengbao
Segment	Compact SUV
Energy Type	Pure Electric
Launch Time	2025.04
Electric Motor Description	Pure electric, 422 hp
MIIT Pure Electric Range (Km)	501
CLTC Pure Electric Range (Km)	501
High-Voltage Fast-Charging Platform	● 800V
High-Voltage Fast-Charging Platform - 400	-
High-Voltage Fast-Charging Platform - 800	● 800V
Charging Time	DC fast charging: 18 minutes / AC charging: 10.4 hours
Fast Charging Window (%)	30-80
Maximum Power (Kw)	310(422Ps)
Maximum Torque (N·M)	510
Transmission	Single-speed EV Transmission
Length × Width × Height (Mm)	4605x1900x1720
Body Structure	5-door 5-seat SUV
Maximum Speed (Km/H)	201
Official 0-100 Km/H Acceleration (S)	4.9
Electricity Consumption (Kwh/100 Km)	16.5
Electric Energy Equivalent Fuel Consumption (L/100 Km)	1.92
Vehicle Warranty	6 years or 150,000 km

## Body

Configuration Item	Value
Length (Mm)	4605
Width (Mm)	1900
Height (Mm)	1720
Wheelbase (Mm)	2745
Front Track (Mm)	1634
Rear Track (Mm)	1650
Minimum Ground Clearance (Mm)	-
Body Structure	SUV
Doors	5
Door Opening Type	Hinged Doors
Seats	5
Curb Weight (Kg)	2170

Configuration Item	Value
Gross Weight (Kg)	2545
Front Baggage Volume	151
Cargo Volume (L)	-
Minimum Turning Radius	-

## Electric Motor

Configuration Item	Value
Electric Motor Description	Pure electric, 422 hp
Motor Type	Front induction/asynchronous + rear permanent magnet/synchronous
Total Motor Power (Kw)	310
Total Motor Horsepower (Ps)	422
Total Motor Torque (N·M)	510
Front Motor Maximum Power (Kw)	110
Front Motor Maximum Torque (N·M)	200
Rear Motor Maximum Power (Kw)	200
Rear Motor Maximum Torque (N·M)	310
Drive Motor Count	Dual Motors
Motor Layout	Front + rear-mounted

## Battery / Charging

Configuration Item	Value
Battery Type	Lithium Iron Phosphate Battery
Battery Technology	Blade Battery
Battery Cell Brand	FinDreams
Battery Pack Warranty	Lifetime warranty for the first owner (subject to official terms)
Battery Capacity (Kwh)	72.96
Battery Energy Density (Wh/Kg)	-
Battery Charging Rate	-
Battery Charging	DC fast charging: 18 minutes / AC charging: 10.4 hours; ● DC fast-charging port
Battery Charging - Charging Time	DC fast charging: 18 minutes / AC charging: 10.4 hours
Battery Charging - DC fast-charging port	● DC fast-charging port
Maximum Fast Charging Power (Kw)	215
DC Charging Port Position	Right-side fuel filler area
DC Charging Port Position - Right-side fuel filler area	Right-side fuel filler area
AC Charging Port Position	Right-side fuel filler area
AC Charging Port Position - Right-side fuel filler area	Right-side fuel filler area
Battery Heating System	● Standard
Battery Cooling System	Direct Cooling
One-Pedal Driving Mode	-
Vtol Mobile Power Station Function	● Standard
Vtol Maximum External Discharge Power	6kW
Vtov Maximum External Discharge Power	-

## Transmission

Configuration Item	Value
Transmission	Single-speed EV Transmission
Number Of Gears	1
Transmission Type	Fixed-ratio Transmission

## Chassis / Steering

Configuration Item	Value
Drive Type	Dual-motor AWD
AWD Type	Electric AWD
Front Suspension Type	Link-strut Independent Suspension
Rear Suspension Type	Multi-link independent suspension
Steering Type	Electric power steering
Vehicle Body Structure	Unibody

## Wheels / Brakes

Configuration Item	Value
Front Brake Type	Ventilated disc
Rear Brake Type	Ventilated disc
Parking Brake Type	Electronic parking brake
Front Tire Size	245 / 50 R19
Rear Tire Size	245 / 50 R19
Spare Tire Specification	-
Spare Tire Storage Method	-

## Active Safety

Configuration Item	Value
Abs Anti-Lock	● Standard
Brake Force	● Standard
Brake Assist	● Standard
Traction Control	● Standard
Body Stability System	● Standard
Active Safety Warning System	● Lane departure warning; ● Forward collision warning; ● Rear collision warning; ● Rear cross-traffic warning; ● Door open warning; ● Front cross-traffic warning; ● Front cross-traffic braking
Active Safety Warning System - Lane departure warning	● Lane departure warning
Active Safety Warning System - Forward collision warning	● Forward collision warning
Active Safety Warning System - Rear collision warning	● Rear collision warning
Active Safety Warning System - Rear cross-traffic warning	● Rear cross-traffic warning
Active Safety Warning System - Door open warning	● Door open warning
Active Safety Warning System - Front cross-traffic warning	● Front cross-traffic warning
Active Safety Warning System - Front cross-traffic braking	● Front cross-traffic braking
Automatic Emergency Braking	● Standard
Blind Spot / Lane Change Assist	● Standard

Configuration Item	Value
Lane Keeping Assist	● Standard
Lane Center	● Standard
Driver Fatigue Warning	-
Active Dms Fatigue Detection	-
In-Cabin Vital Signs Detection	-
Traffic Sign Recognition	● Standard
Traffic Light Recognition	-
Night Vision System	-

## Passive Safety

Configuration Item	Value
Front Airbags	● Driver seat; ● Front passenger seat
Front Airbags - Driver seat	● Driver seat
Front Airbags - Front passenger seat	● Front passenger seat
Side Airbags	● Front
Side Airbags - Front row	● Front
Side Curtain Airbags	● Standard
Front Knee Airbags	-
Center Airbag	● Front
Center Airbag - Front row	● Front
Seat Belt Reminder	● Standard
Tire Pressure Monitoring	Tire pressure display
Isofix Child Seat Anchors	● Standard
Passive Pedestrian Protection	-
Run-Flat Tire	-
Driver Assistance / Control Features	-
Parking Sensors	● Front; ● Rear
Parking Sensors - Front	● Front
Parking Sensors - Rear	● Rear
Front Vehicle Departure Alert	-
Narrow-Road Assist	● Standard
Driver Assistance Camera View	● Rear-view camera; ● 360° panoramic camera; ● Transparent chassis view
Driver Assistance Camera View - Rear-view camera	● Rear-view camera
Driver Assistance Camera View - 360° panoramic camera	● 360° panoramic camera
Driver Assistance Camera View - Transparent chassis view	● Transparent chassis view
Cruise Control System	● Cruise control; ● Adaptive cruise control; ● Full-speed adaptive cruise control
Cruise Control System - Cruise control	● Cruise control
Cruise Control System - Adaptive cruise control	● Adaptive cruise control
Cruise Control System - Full-speed adaptive cruise control	● Full-speed adaptive cruise control
Auto Road Change	● Standard
Auto Road Out In	● Standard
Navigation-Assisted Driving	● Highway navigation-assisted driving
Navigation-Assisted Driving - Highway navigation-assisted driving	● Highway navigation-assisted driving
Navigation-Assisted Driving - Urban navigation-assisted driving	-

Configuration Item	Value
<b>Driving Assistance Level</b>	Level 2
<b>Auto Park Entry</b>	● Standard
<b>Track Reverse</b>	-
<b>Memory Parking</b>	-
<b>Automated Valet Parking</b>	● Standard
<b>Auto Hold</b>	● Standard
<b>Hill-Start Assist (Hac)</b>	● Standard
<b>Hill Descent Control (Hdc)</b>	● Standard
<b>Adaptive Suspension Adjustment</b>	Soft/Hard
<b>Air Suspension</b>	-
<b>Air Suspension Type</b>	-
<b>Electromagnetic Suspension</b>	-
<b>Variable Steering Ratio</b>	-
<b>Front Axle Limited-Slip Type</b>	-
<b>Rear Axle Limited-Slip Type</b>	-
<b>Center Differential Lock</b>	-
<b>Low-Speed AWD</b>	-
<b>Integral Active Steering</b>	-
<b>Special U-Turn Technology</b>	● Standard
<b>Crawl Control</b>	● Standard
<b>Drive Mode Selection</b>	● Sport; ● Off-road; ● Snow; ● Standard / Comfort; ● ECO / Economy
<b>Drive Mode Selection - Sport</b>	● Sport
<b>Drive Mode Selection - Off-road</b>	● Off-road
<b>Drive Mode Selection - Snow</b>	● Snow
<b>Drive Mode Selection - Standard / Comfort</b>	● Standard / Comfort
<b>Drive Mode Selection - ECO / Economy</b>	● ECO / Economy
<b>Regenerative Braking System</b>	● Standard
<b>Comfort Braking</b>	● Standard
<b>Low-Speed Pedestrian Warning Sound</b>	● Standard

## Exterior

Configuration Item	Value
<b>Sunroof Type</b>	● Openable Panoramic Sunroof
<b>Sunroof Type - Openable Panoramic Sunroof</b>	● Openable Panoramic Sunroof
<b>Sunroof Type - Panoramic Glass Roof</b>	-
<b>Panoramic Roof Sunshade</b>	-
<b>Smart Dimmable Panoramic Roof</b>	-
<b>Roof Rails</b>	● Standard
<b>Sport Exterior Package</b>	-
<b>Power Spoiler</b>	-
<b>Active Grille Shutters</b>	-
<b>Alloy Wheels</b>	● Standard
<b>Side Steps</b>	-
<b>Frameless Doors</b>	-

Configuration Item	Value
Hidden Door Handles	● Standard
Tow Hook	-

## Interior

Configuration Item	Value
Steering Wheel Material	● Leather
Steering Wheel Material - Leather	● Leather
Steering Wheel Adjustment	Up/down + reach adjustment
Power Steering Wheel Adjustment	-
Steering Wheel Functions	● Multifunction controls
Steering Wheel Functions - Multifunction controls	● Multifunction controls
Steering Wheel Functions - Heating	-
Gear Selector Type	● Electronic Gear Selector
Gear Selector Type - Electronic Gear Selector	● Electronic Gear Selector
Digital Instrument Cluster Type	Full digital
Lcd Instrument Cluster Size (In)	● 8.8
Lcd Instrument Cluster Size (In) - 8.8	● 8.8

## Comfort / Anti-Theft

Configuration Item	Value
Soft-Close Doors	-
Power Tailgate	-
Hands-Free Tailgate	-
Tailgate Position Memory	-
Central Locking	● Standard
Remote Key Type	● Smart remote key; ● Bluetooth phone key; ● NFC / RFID key
Remote Key Type - Smart remote key	● Smart remote key
Remote Key Type - Bluetooth phone key	● Bluetooth phone key
Remote Key Type - NFC/RFID key	● NFC / RFID key
Keyless Entry	Front row
Keyless Start	● Standard
Remote Start	● Standard
Remote Vehicle Movement	● Standard
Vehicle Summon	-
Head-Up Display (Hud)	-
Hud Size	-
Hud Size - 12	-
Built-In Dashcam	● Standard
Factory Etc	● Standard
Active Noise Cancellation	-
Wireless Phone Charging	● Standard
Maximum Wireless Phone Charging Power (W)	50
Maximum Wireless Phone Charging Power (W) - 50	50

Configuration Item	Value
110V / 220V / 230V Power Outlet	-
Cargo Compartment 12V Power Outlet	-
Seat Configuration	-
Seat Material	Synthetic Leather
Sport Seats	-
Seat Layout	● 2+3
Seat Layout - 2+3	● 2+3
Second-Row Independent Seats	-
Third-Row Seats	-
Power Seat Adjustment	● Driver seat; ● Front passenger seat
Power Seat Adjustment - Driver seat	● Driver seat
Power Seat Adjustment - Front passenger seat	● Front passenger seat
Stowable Rear Seats	-
Driver Seat Main Adjustments	● Fore / aft adjustment; ● Backrest angle adjustment; ● Height adjustment
Driver Seat Main Adjustments - Fore/aft adjustment	● Fore / aft adjustment
Driver Seat Main Adjustments - Backrest angle adjustment	● Backrest angle adjustment
Driver Seat Main Adjustments - Height adjustment	● Height adjustment
Driver Seat Local Adjustments	● Headrest
Driver Seat Local Adjustments - Headrest	● Headrest
Driver Seat Local Adjustments - Lumbar support	-
Front Passenger Seat Main Adjustments	● Fore / aft adjustment; ● Backrest angle adjustment
Front Passenger Seat Main Adjustments - Fore/aft adjustment	● Fore / aft adjustment
Front Passenger Seat Main Adjustments - Height adjustment	-
Front Passenger Seat Main Adjustments - Backrest angle adjustment	● Backrest angle adjustment
Front Passenger Seat Local Adjustments	● Headrest
Front Passenger Seat Local Adjustments - Headrest	● Headrest
Front Passenger Seat Local Adjustments - Lumbar support	-
Front Passenger Seat Local Adjustments - Leg rest	-
Second-Row Seat Main Adjustments	-
Second-Row Seat Local Adjustments	-
Front-Row Seat Functions	● Heating; ● Ventilation
Front-Row Seat Functions - Heating	● Heating
Front-Row Seat Functions - Ventilation	● Ventilation
Front-Row Seat Functions - Memory	-
Front-Row Seat Functions - Memory(driver)	-
Second-Row Seat Functions	-
Third-Row Seat Functions	-
Rear Passenger Seat Adjustment Button	-
Front / Rear Armrests	● Front; ● Rear
Front / Rear Armrests - Front row	● Front
Front / Rear Armrests - Rear row	● Rear
Rear Cup Holders	● Standard
Heated / Cooled Cup Holders	-
Rear Seat Folding Ratio	40:60

Configuration Item	Value
Power-Folding Rear Seats	-
Second-Row Tray Tables	-

## Smart Connectivity

Configuration Item	Value
Center Screen Size (In)	15.6
Center Display Material	● LCD
Center Display Material - LCD	● LCD
Satellite Navigation	● Standard
Ar Navigation	-
Real-Time Traffic Information	● Standard
Map Provider	● Baidu
Map Provider - Baidu	● Baidu
Roadside Assistance Service	● Standard
Bluetooth / Hands-Free Calling	● Standard
Smartphone Connectivity / Mirroring	● HUAWEI HiCar; ● Carlink
Smartphone Connectivity / Mirroring - HUAWEI HiCar	● HUAWEI HiCar
Smartphone Connectivity / Mirroring - Carlink	● Carlink
Connected Car Services	● Standard
4G / 5G Network	● 5G
4G / 5G Network - 5G	● 5G
Ota Updates	● Standard
Facial Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Control System	● Standard
Wake-Word-Free Voice Control	● Standard
Voice Wake-Up By Zone	● Four Voice Zones
Voice Wake-Up By Zone - Four Voice Zones	● Four Voice Zones
Continuous Voice Recognition	● Standard
Visible-To-Speak Voice Control	● Standard
Voice Assistant Wake Word	Hello Xiaofang
Gesture Control	-
Wi-Fi Hotspot	● Standard

## Audio / Entertainment

Configuration Item	Value
Multi-Finger Screen Transfer Control	-
App Store	● Standard
Multimedia Ports	● SD card slot; ● USB / Type-C
Multimedia Ports - SD card slot	● SD card slot
Multimedia Ports - USB/Type-C	● USB / Type-C

Configuration Item	Value
Usb / Type-C Port Count	● 2 Front Ports; ● 2 Rear Ports
Usb / Type-C Port Count - 2 Front Ports	● 2 Front Ports
Usb / Type-C Port Count - 2 Rear Ports	● 2 Rear Ports
Usb / Type-C Maximum Charging Power	Front: 60 W; Rear60W
Usb / Type-C Maximum Charging Power - Front: 60 W	Front: 60 W
Usb / Type-C Maximum Charging Power - Rear60W	Rear60W
In-Car Television	-
Rear Entertainment Screen	-
Synthetic Engine Sound	-
Karaoke Function	● Standard
Audio Brand	-
Number Of Speakers	8
Seat Speakers (Headrest / Shoulder)	-
Overhead Audio Channels	-
Rear Multimedia Controls	-

## Lighting

Configuration Item	Value
Low-Beam Headlights	LED
High-Beam Headlights	LED
Daytime Running Lights	● Standard
Adaptive High / Low Beam	● Standard
Automatic Headlights	● Standard
Cornering Lights	-
Front Fog Lights	-
Adaptive Front-Lighting System (Afs)	-
Headlight Height Adjustment	● Standard
Headlight Washers	-
Interior Ambient Lighting	Multicolor
Active Ambient Lighting	● Standard
Active Ambient Lighting - ● Standard	● Standard
Special Lighting Features	-
Light Projection Technology	-
Headlight Delay-Off	● Standard
Rain / Fog Headlight Mode	-

## Glass / Mirrors

Configuration Item	Value
Power Windows	● Front; ● Rear
Power Windows - Front row	● Front
Power Windows - Rear row	● Rear
One-Touch Window Operation	Whole vehicle
Anti-Pinch Windows	● Standard

Configuration Item	Value
<b>Exterior Mirror Functions</b>	● Power adjustment; ● Heating; ● Power folding; ● Auto-fold when locked
<b>Exterior Mirror Functions - Power adjustment</b>	● Power adjustment
<b>Exterior Mirror Functions - Heating</b>	● Heating
<b>Exterior Mirror Functions - Power folding</b>	● Power folding
<b>Exterior Mirror Functions - Memory</b>	-
<b>Exterior Mirror Functions - Auto tilt-down in reverse</b>	-
<b>Exterior Mirror Functions - Auto-fold when locked</b>	● Auto-fold when locked
<b>Interior Rear-View Mirror Functions</b>	● Auto-dimming
<b>Interior Rear-View Mirror Functions - Auto-dimming</b>	● Auto-dimming
<b>Vanity Mirrors</b>	● Driver side with illumination; ● Front passenger side with illumination
<b>Vanity Mirrors - Driver side with illumination</b>	● Driver side with illumination
<b>Vanity Mirrors - Front passenger side with illumination</b>	● Front passenger side with illumination
<b>Rear Privacy Glass</b>	● Standard
<b>Interior Sunshades</b>	-
<b>Rain-Sensing Wipers</b>	● Standard
<b>Rear Wiper</b>	● Standard
<b>Opening Rear Window Glass</b>	-
<b>Multi-Layer Acoustic Glass</b>	Front row
<b>Heated Windshield</b>	-
<b>Heated Washer Nozzles</b>	-

## Climate Control / Refrigerator

Configuration Item	Value
<b>Climate Control Type</b>	Automatic
<b>Rear Independent Climate Control</b>	-
<b>Rear Air Vents</b>	● Standard
<b>Temperature Zone Control</b>	● Dual-zone automatic climate control
<b>Temperature Zone Control - Dual-zone automatic climate control</b>	● Dual-zone automatic climate control
<b>In-Car Air Purifier</b>	-
<b>Cabin Pm2.5 Filter</b>	● Standard
<b>Negative Ion Generator</b>	-
<b>Cabin Fragrance System</b>	-
<b>Aqs Air Quality Management System</b>	-
<b>In-Car Refrigerator</b>	-
<b>In-Car Refrigerator Functions</b>	-
<b>In-Car Refrigerator Functions - Heating</b>	-
<b>In-Car Refrigerator Functions - Refrigeration</b>	-
<b>In-Car Refrigerator Functions - Freezing</b>	-

## Smart Configuration

Configuration Item	Value
<b>Adas Operating System</b>	● DiPilot 100
<b>Adas Operating System - DiPilot 100</b>	● DiPilot 100

Configuration Item	Value
Adas Chip	● NVIDIA DRIVE Orin N
Adas Chip - NVIDIA DRIVE Orin N	● NVIDIA DRIVE Orin N
Adas Chip - NVIDIA DRIVE Orin X	-
Driving Assistance Computing Power (Tops)	● 84
Driving Assistance Computing Power (Tops) - 84	● 84
Driving Assistance Computing Power (Tops) - 254	-
In-Car Intelligent System	● DiLink
In-Car Intelligent System - DiLink	● DiLink
Vehicle System Ram (Gb)	-
Vehicle System Ram (Gb) - 12	-
Vehicle System Storage (Gb)	-
Vehicle System Storage (Gb) - 256	-
Mobile App Remote Functions	● Vehicle monitoring; ● Remote control; ● Charging management; ● Service appointment; ● Digital key
Mobile App Remote Functions - Vehicle monitoring	● Vehicle monitoring
Mobile App Remote Functions - Remote control	● Remote control
Mobile App Remote Functions - Charging management	● Charging management
Mobile App Remote Functions - Service appointment	● Service appointment
Mobile App Remote Functions - Digital key	● Digital key
Heat Pump Management System	● Standard
Max Detection Distance Forward	-
Max Detection Distance Forward - 350	-
Exterior Camera Count	● 12
Exterior Camera Count - 11	-
Exterior Camera Count - 12	● 12
Exterior Camera Count - 13	-
Exterior Camera Resolution	-
Interior Camera Count	-
Interior Camera Count - 1	-
Interior Camera Resolution	-
Ultrasonic Sensor Count	12
Millimeter-Wave Radar Count	5
Lidar Count	-
Lidar Count - 1	-
Sub-Meter High-Precision Positioning	-
High-Definition Map	-
Sentry / Remote View Mode	● Standard
V2X Communication	-

## Optional Packages

Configuration Item	Value
Custom Options	Optional exterior, interior, wheels and brakes
Drone Package	-
Drone Package - Details	-
Drone Package - Availability / Price	-

