

Vehicle Detail Report

Fangchengbao Leopard 8 2025 Zhiyong
Flagship Edition 6 seat

Basic Information

Brand	Fangchengbao
Mileage	21,000 km
Color	Black
First Registration	2025-01-01
Transfer Count	0

Vehicle Images







Vehicle Condition

1. Original metal body panels with factory paint.

Configuration Information

Model Information

Model Name	Fangchengbao Leopard 8 2025 Zhiyong Flagship Edition 6 seat
Launch Date	2024.11

Basic parameters

Vehicle Class	Mid-size and large SUVs
Energy Type	Plug-in Hybrid Electric Vehicle (PHEV)
Maximum Power (kW)	180
Maximum Torque (N·m)	380
Transmission	E-CVT continuously variable transmission
Body Type	SUV
Engine	2.0T 245 horsepower L4
Dimensions (L×W×H) (mm)	5195*1994*1905
Official 0-100 km/h Acceleration (s)	4.8
Top Speed (km/h)	180
Curb Weight (kg)	3305
Maximum Gross Weight (kg)	3905
Fast Charging Time (h)	0.27
Slow Charging Time (h)	5.6
Electric Motor (PS)	680
Fast Charging Range (%)	30-80
WLTC Electric Range (km)	100

Basic parameters (continued)

Fuel Consumption with Depleted Battery (L/100km)	8.5
WLTP Combined Fuel Consumption (L/100km)	1.79
Towing Capacity (kg)	2500

engine

Engine Model	BYD487ZQD
Displacement (mL)	1997
Displacement (L)	2.0
Induction Type	Turbocharging
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Valve Train	DOHC
Maximum Power (PS)	245
Max Power Speed (rpm)	-
Max Torque Speed (rpm)	-
Maximum net power (kW)	180
Fuel Grade	92.
Fuel Delivery System	Direct injection
Cylinder Head Material	Aluminum alloy
Cylinder Block Material	Aluminum alloy
Engine layout	Longitudinal

Electric Motor

Motor Type	Permanent magnet/synchronous
Total Electric Motor Power (kW)	500
Total Electric Motor Torque (N·m)	760
Front Electric Motor Max Power (kW)	200
Front Electric Motor Max Torque (N·m)	360
System total power (kW)	550
System comprehensive torque (N·m)	760

Electric Motor (continued)

Number of drive motors	Dual motors
Motor Layout	Front-mounted Rear-mounted
Battery Type	Lithium iron phosphate battery
Battery Capacity (kWh)	36.8
Total Electric Motor Power (PS)	680
Rear Electric Motor Max Power (kW)	300
Rear Electric Motor Max Torque (N·m)	400
Battery Cell Brand	Fodi
Battery Cooling System	Direct cooling
Fast charging function	Support
Slow charging port location	Rear right side of the car
Rear motor brand	BYD
Rear motor model	TZ200XYW
Warranty policy for first-time owners of Sandian	Lifetime Warranty/Non-operational (Liability Exemption Terms Subject to Official)
Fast charging port location	Rear right side of the car
External AC discharge power (kW)	6
Previous Motor Brand	BYD
Front motor model	TZ220XYAB
Fast Charging Power (kW)	120
Battery unique technology	Blade Battery
CLTC comprehensive endurance (km)	1200
System Combined Horsepower (Ps)	748
Screen/System	
Central control color screen	<ul style="list-style-type: none">• Touch LCD screen
Infotainment Screen Size	<ul style="list-style-type: none">• 17.3 inches
Bluetooth/In-car Phone	<ul style="list-style-type: none">•

Screen/System (continued)

Smartphone Integration/ Mirroring	<ul style="list-style-type: none">• HUAWEI HiCar support
Voice recognition control system	<ul style="list-style-type: none">• Multimedia system;• Navigation;• Telephone;• Air conditioning;• Sunroof;• Windows;• Seat heating;• Seat ventilation;• Seat massage
Voice wake-up recognition by region	<ul style="list-style-type: none">• Four areas
In-vehicle intelligent system	<ul style="list-style-type: none">• DiLink
Facial Recognition	<ul style="list-style-type: none">•
Vehicle system storage (GB)	<ul style="list-style-type: none">• 256
App Store	<ul style="list-style-type: none">•
Passenger entertainment screen size	<ul style="list-style-type: none">• 12.3 inches
Voice assistant wake-up word	Hello Little Square
Voice wake-up word-free	<ul style="list-style-type: none">•
Continuous speech recognition	<ul style="list-style-type: none">•
See and Say	<ul style="list-style-type: none">•
Multi-finger flying screen control	<ul style="list-style-type: none">•
Vehicle system memory (GB)	<ul style="list-style-type: none">• 12
Rear multimedia control	<ul style="list-style-type: none">•
Voiceprint Recognition	<ul style="list-style-type: none">•

Body

Length (mm)	5195
Width (mm)	1994
Height (mm)	1905
Wheelbase (mm)	2920
Front Track (mm)	1670
Rear Track (mm)	1670
Door Opening Type	swing door
Number of Doors	5
Number of Seats	6

Body (continued)

Fuel Tank Capacity (L)	91.5
Trunk volume (L)	-
Drag Coefficient (Cd)	-
Approach Angle (°)	30
Departure Angle (°)	29
Minimum Turning Radius (m)	2.95
Ground Clearance (mm)	220
Maximum wading depth (mm)	890

Gearbox

Abbreviation	E-CVT continuously variable transmission
Number of Gears	stepless speed change
Transmission Type	Electronic Continuously Variable Transmission (E-CVT)

Four-wheel drive/off-road

Limited Slip Differential/ Diff Lock	• Front axle differential lock; • Rear axle differential lock
Trailer Power Outlet	○
Tow hook	Manual (4000 yuan)
Center differential lock function	•
Water sensing system	•
Low speed four-wheel drive	•
Tank Turn	•
Creep Mode	•

Chassis steering

Drive Type	Front-engine, All-wheel drive (F-AWD)
Four-wheel drive	Electric four-wheel drive
Front Suspension Type	Double wishbone independent suspension
Rear Suspension Type	Double wishbone independent suspension
Power Steering Type	Electric power assistance
Vehicle structure	Non-load-bearing

Seat Configuration

Seat Material	<ul style="list-style-type: none">• Leather
Main seat adjustment	<ul style="list-style-type: none">• Front and rear adjustment• Backrest adjustment• Height adjustment (Four directions)• Leg rest adjustment• Waist support (Four directions)• Flank support
Co-seat adjustment method	<ul style="list-style-type: none">• Front and rear adjustment• Backrest adjustment• Height adjustment (2 directions)• Leg rest adjustment• Waist support (Four directions)• Flank support
Electric adjustment of driver's seat and passenger seat	Main •/Deputy •
Front seat functions	<ul style="list-style-type: none">• Heating;• Ventilation;• Massage;• Headrest speaker (driving only)
Electric seat memory function	<ul style="list-style-type: none">• driving position;• co-pilot position
Front passenger seat rear adjustable buttons	<ul style="list-style-type: none">•
Second row seat adjustment	<ul style="list-style-type: none">• Front and rear adjustment;• Backrest adjustment;• Leg rest adjustment
Rear seat folding	<ul style="list-style-type: none">• Proportional down
Front/rear center armrest	Front •/Rear •
Rear cup holder	<ul style="list-style-type: none">•
Second row seat functions	<ul style="list-style-type: none">• Heating;• Ventilation;• Massage
Seat Layout	•2-2-2
Second row independent seats	<ul style="list-style-type: none">•
Electric folding rear seats	<ul style="list-style-type: none">•
Second row seats electrically adjustable	<ul style="list-style-type: none">•
Third row seat adjustment	<ul style="list-style-type: none">• Backrest adjustment
The third row of seats is electrically adjustable	<ul style="list-style-type: none">•

Active safety

Anti-lock Braking System (ABS)	<ul style="list-style-type: none">•
Electronic Brakeforce Distribution (EBD/CBC)	<ul style="list-style-type: none">•

Active safety (continued)

Brake Assist System (EBA/BAS/BA)	<ul style="list-style-type: none">•
Traction Control System (ASR/TCS/TRC)	<ul style="list-style-type: none">•
Electronic Stability Control (ESC/ESP/DSC)	<ul style="list-style-type: none">•
Tire Pressure Monitoring System (TPMS)	<ul style="list-style-type: none">• Tire pressure display
Seat Belt Reminder	<ul style="list-style-type: none">• Full vehicle
ISOFIX Child Seat Anchors	<ul style="list-style-type: none">•
Lane Departure Warning System (LDWS)	<ul style="list-style-type: none">•
Autonomous Emergency Braking (AEB)	<ul style="list-style-type: none">•
Driver Fatigue Detection	<ul style="list-style-type: none">•
Forward Collision Warning (FCW)	<ul style="list-style-type: none">•
Rear Collision Warning	<ul style="list-style-type: none">•
Low Speed Alert	<ul style="list-style-type: none">•
Emergency Call System (eCall)	<ul style="list-style-type: none">•
Built-in Dashcam	<ul style="list-style-type: none">•
Door Opening Warning (DOW)	<ul style="list-style-type: none">•
Roll-Over Protection System	<ul style="list-style-type: none">•
Sentry Mode	<ul style="list-style-type: none">•

Air conditioning/refrigerator

Air conditioning temperature control method	<ul style="list-style-type: none">• Automatic air conditioning
Rear Independent Climate Control	<ul style="list-style-type: none">•
Rear seat air vents	<ul style="list-style-type: none">•
Temperature zone control	<ul style="list-style-type: none">•
Car air purifier	<ul style="list-style-type: none">•
In-cabin PM2.5 Filter	<ul style="list-style-type: none">•
In-car Refrigerator	<ul style="list-style-type: none">•
Negative ion generator	<ul style="list-style-type: none">•

Air conditioning/refrigerator (continued)

Car fragrance device	•
Heat pump air conditioner	•
Air quality monitoring	•

Passive safety

Driver/passenger airbag	Main •/Deputy •
Front/rear side airbags	Front •/Rear •
Front/rear head airbags (curtain airbags)	Front •/Rear •
Knee airbag	• Driver's knee airbag
Front center airbag	•

Wheel brake

Front Brake Type	Ventilation disc
Rear Brake Type	Ventilation disc
Parking brake type	Electronic Parking
Front Tire Size	275/55 R20
Rear Tire Size	275/55 R20
Spare Tire Size	Full size
Spare tire placement	Backpack-style

Audio/Interior Lighting

Speaker Brand Name	•DEVIALET Devare
Number of speakers	• 18 speakers
Interior ambient lighting	•128 colors
Active ambient lighting	•

Driving functions

Navigation traffic information display	•
Lane assist	•
Lane Keeping Assist System	•
Cruise control system	• Full speed adaptive cruise
Satellite navigation system	•
Night Vision System	•
Driving assistance level	•L2
Rear Cross Traffic Alert	•
Lane centering	•

Driving functions (continued)

Road traffic sign recognition	•
Map Brand	Huawei Petal
Remote Parking	•
Tracking reverse	•
Driver assistance systems	• Huawei Gankun Zhijia ADS
Hands-off detection	•
Memory Parking	○
Traffic light recognition	•
Parking Assist	•
Lane Change Assist	•
Automatic Ramp Entry/Exit Assist	•
Highway sections	○ Urban sections; • Expressway sections

Exterior lighting

Low beam light source	•LED
High beam light source	•LED
LED daytime running lights	•
Adaptive high and low beam	•
Automatic headlights	•
Front fog lights	•LED
Height-adjustable headlights	•
Headlight Delay Off	•
Turn signal lamp	•
Assisted Driving Light	•

Exterior mirrors

Exterior mirror function	•Electric adjustment; •Electric folding; •Rearview mirror memory; •Rearview mirror heating; •Automatically turn down when reversing; •Automatically fold when locking the car
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Appearance/anti-theft

Rim material	• Aluminum alloy
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Appearance/anti-theft (continued)

Electronic engine immobilizer	<ul style="list-style-type: none">•
Central locking system in the car	<ul style="list-style-type: none">•
Key Type	<ul style="list-style-type: none">• Remote key Bluetooth key •UWB Digital key •NFC RFID key
Keyless start system	<ul style="list-style-type: none">•
Keyless entry function	<ul style="list-style-type: none">• Front row
Roof rack	<ul style="list-style-type: none">•
Remote start function	<ul style="list-style-type: none">•
Battery preheating	<ul style="list-style-type: none">•
Electric door closing	<ul style="list-style-type: none">• Full vehicle
Hidden electric door handle	<ul style="list-style-type: none">•
Discharge to the outside	<ul style="list-style-type: none">•
Side pedals	<ul style="list-style-type: none">• Electric

Skylight/Glass

Sunroof Type	<ul style="list-style-type: none">• Openable panoramic sunroof
Front/rear electric windows	Front •/Rear •
One-touch window lifting function	<ul style="list-style-type: none">• Full vehicle
Window anti-pinch function	<ul style="list-style-type: none">•
Car makeup mirror	<ul style="list-style-type: none">• Main driver's lamp; • co-pilot's lamp
Rear wiper	<ul style="list-style-type: none">•
Rain sensor wiper function	<ul style="list-style-type: none">• Rainfall-sensing
Rear side privacy glass	<ul style="list-style-type: none">•
Side window multi-layer soundproof glass	<ul style="list-style-type: none">• Front row; • Rear row

Interior and exterior color

Exterior Color	Broken Gold #CBC2B9 Star Moon Silver #DAD9DF Night Shadow Black #000000
Interior Color	wild wheat yellow Black #C8AB83 #030303 Dark night black #0A0A0A

Steering wheel/interior mirror

Steering wheel/interior mirror (continued)

Steering Wheel Material	<ul style="list-style-type: none">• Leather
Steering wheel position adjustment	<ul style="list-style-type: none">• Electric up and down front and rear adjustment
Multi-function steering wheel	<ul style="list-style-type: none">•
Heated Steering Wheel	<ul style="list-style-type: none">•
Steering wheel memory	<ul style="list-style-type: none">•
Trip computer display screen	<ul style="list-style-type: none">• Color
Full LCD instrument panel	<ul style="list-style-type: none">•
LCD instrument size	<ul style="list-style-type: none">• 12.3 inches
Interior rearview mirror function	<ul style="list-style-type: none">• Automatic anti-glare; • Streaming media
Gear shifting	<ul style="list-style-type: none">• Electronic gear shift
ETC Device	<ul style="list-style-type: none">•
AR-HUD Augmented Reality Head-Up Display	<ul style="list-style-type: none">•

Intelligent configuration

Connected Car Services	<ul style="list-style-type: none">•
OTA Updates	<ul style="list-style-type: none">•
4G/5G Network	<ul style="list-style-type: none">•5G
Mobile APP remote function	<ul style="list-style-type: none">• Door control; • Window control; • Vehicle start; • Charging management; • Climate control; • Vehicle status check/diagnostics; • Vehicle location / find my car; • Owner services (charging stations, gas stations, parking, etc.); • Service/repair appointment
Wi-Fi hotspots	<ul style="list-style-type: none">•
In-vehicle Biometric Monitoring	<ul style="list-style-type: none">•
Car KTV	<ul style="list-style-type: none">•

Driving Control

Driving mode switch	<ul style="list-style-type: none">• Sport; • Economical; • Standard/Comfort; • Off-Road; • Snow; • Customize/Personalize
Automatic parking	<ul style="list-style-type: none">•
Steep slope descent	<ul style="list-style-type: none">•
Hill start assist	<ul style="list-style-type: none">•

Driving Control (continued)

Energy recovery system	<ul style="list-style-type: none">•
Variable suspension function	<ul style="list-style-type: none">• Suspension damping adjustment;• Suspension height adjustment
Towing mode	<ul style="list-style-type: none">•
Magic Carpet Intelligent Suspension	<ul style="list-style-type: none">•

Driving Hardware

Front/rear parking radar	Front •/Rear •
Driving Assistance Camera System	<ul style="list-style-type: none">• 360-degree panoramic image
Front perception camera	<ul style="list-style-type: none">• Binocular
Number of cameras	<ul style="list-style-type: none">• 12
Number of ultrasonic radars	<ul style="list-style-type: none">• 12
Transparent chassis/540-degree imaging	<ul style="list-style-type: none">•
Millimeter wave radar quantity	<ul style="list-style-type: none">• 3
LiDAR Brand	<ul style="list-style-type: none">• HUAWEI Huawei
Number of LiDARs	<ul style="list-style-type: none">• 1
Laser radar line number	<ul style="list-style-type: none">• 192 line
Number of LiDAR point clouds	<ul style="list-style-type: none">• 1.84 million/sec
Maximum detection distance ahead	<ul style="list-style-type: none">• 250 m
Number of cameras in the car	<ul style="list-style-type: none">• 2
Laser radar 10% reflectivity detection distance	<ul style="list-style-type: none">• 180 m

In-car charging

Multimedia/charging port	<ul style="list-style-type: none">•USB;•SD;•Type-C
Number of USB/Type-C ports	<ul style="list-style-type: none">• 2 in the front row/4 in the back row
Mobile phone wireless charging function	<ul style="list-style-type: none">• Front row
220V/230V power supply	<ul style="list-style-type: none">•
Luggage compartment 12V power socket	<ul style="list-style-type: none">•

In-car charging (continued)

Mobile phone wireless charging power	•50W
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"●" = Standard equipment

"_" = Not available

"○" = Optional equipment.

Note: These are Chinese market vehicles. Warranty coverage is not available outside of China.