

Vehicle Detail Report

Fangchengbao Leopard 5 2023 Pilot Edition

Basic Information

Brand	Fangchengbao
Mileage	30,000 km
Color	Blue
First Registration	2024-03-01
Transfer Count	0

Vehicle Images





Vehicle Condition

1. Right rear quarter panel, Paint repair.

Configuration Information

Model Information

Model Name	Fangchengbao Leopard 5 2023 Pilot Edition
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Model Information (continued)

Launch Date	2023.11
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Basic parameters

Vehicle Class	Mid-size SUV
Energy Type	Plug-in Hybrid Electric Vehicle (PHEV)
Maximum Power (kW)	143
Maximum Torque (N·m)	273
Transmission	E-CVT continuously variable transmission
Body Type	SUV
Engine	1.5T 194 horsepower L4
Dimensions (L×W×H) (mm)	4890*1970*1920
Official 0-100 km/h Acceleration (s)	4.8
Top Speed (km/h)	180
Curb Weight (kg)	2890
Maximum Gross Weight (kg)	3265
Fast Charging Time (h)	0.27
Electric Motor (PS)	660
Fast Charging Range (%)	30-80
WLTC Electric Range (km)	100
Fuel Consumption with Depleted Battery (L/100km)	7.8
WLTP Combined Fuel Consumption (L/100km)	1.81
CLTC Electric Range (km)	125
Towing Capacity (kg)	2500

engine

Engine Model	BYD476ZQF
Displacement (mL)	1497
Displacement (L)	1.5
Induction Type	Turbocharging
Cylinder Arrangement	L
Number of Cylinders	4

engine (continued)

Valves per Cylinder	4
Valve Train	DOHC
Maximum Power (PS)	194
Max Power Speed (rpm)	-
Max Torque Speed (rpm)	-
Maximum net power (kW)	135
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)	485
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)	505
System comprehensive torque (N·m)	760
Number of drive motors	Dual motors
Motor Layout	Front-mounted Rear-mounted
Battery Type	Lithium iron phosphate battery
Battery Capacity (kWh)	31.8
Total Electric Motor Power (PS)	660
Rear Electric Motor Max Power (kW)	285
Rear Electric Motor Max Torque (N·m)	400
Battery Cell Brand	Fodi
Battery Cooling System	Direct cooling
Fast charging function	Support

Electric Motor (continued)

Slow charging port location	Rear right side of the car
Rear motor model	TZ200XYA
Fast charging port location	Rear right side of the car
External AC discharge power (kW)	6
Front motor model	TZ220XYAB
Fast Charging Power (kW)	100
Battery unique technology	Blade Battery
NEDC comprehensive range (km)	1200
System Combined Horsepower (Ps)	687

Screen/System

Central control color screen	<ul style="list-style-type: none">• Touch LCD screen
Infotainment Screen Size	<ul style="list-style-type: none">• 15.6 inches
Bluetooth/In-car Phone	<ul style="list-style-type: none">•
Voice recognition control system	<ul style="list-style-type: none">• Multimedia system;• Navigation;• Telephone;• Air conditioning;• Sunroof;• Windows
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">•
Central control screen resolution	<ul style="list-style-type: none">•2.5K
Passenger entertainment screen size	<ul style="list-style-type: none">• 12.3 inches
Voice assistant wake-up word	Hello Little Square
Continuous speech recognition	<ul style="list-style-type: none">•
See and Say	<ul style="list-style-type: none">•

Screen/System (continued)

Multi-finger flying screen control	•
Vehicle system memory (GB)	•12

Body

Length (mm)	4890
Width (mm)	1970
Height (mm)	1920
Wheelbase (mm)	2800
Front Track (mm)	1660
Rear Track (mm)	1660
Ground Clearance (Fully Loaded) (mm)	220
Door Opening Type	swing door
Number of Doors	5
Number of Seats	5
Fuel Tank Capacity (L)	83
Trunk volume (L)	-
Drag Coefficient (Cd)	-
Approach Angle (°)	35
Departure Angle (°)	32
Longitudinal passing angle (°)	20
Maximum wading depth (mm)	700

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	•

Four-wheel drive/off-road (continued)

Water sensing system	<ul style="list-style-type: none">•
Low speed four-wheel drive	<ul style="list-style-type: none">•
Tank Turn	<ul style="list-style-type: none">•
Creep Mode	<ul style="list-style-type: none">•

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 (4-way);• Lumbar support (4-way)
Co-seat adjustment method	<ul style="list-style-type: none">• Front and rear adjustment;• Backrest adjustment;• Height adjustment (2-way);• Lumbar support (4-way)
Electric adjustment of driver's seat and passenger seat	Main •/Deputy •
Front seat functions	<ul style="list-style-type: none">• Heating;• Ventilation;• Massage;• Headrest speakers
Electric seat memory function	<ul style="list-style-type: none">• Driving position
Front passenger seat rear adjustable buttons	-
Second row seat adjustment	<ul style="list-style-type: none">• Backrest 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

Active safety

Anti-lock Braking System (ABS)	•
Electronic Brakeforce Distribution (EBD/CBC)	•
Brake Assist System (EBA/BAS/BA)	•
Traction Control System (ASR/TCS/TRC)	•
Electronic Stability Control (ESC/ESP/DSC)	•
Tire Pressure Monitoring System (TPMS)	• Tire pressure display
Seat Belt Reminder	•
ISOFIX Child Seat Anchors	•
Lane Departure Warning System (LDWS)	•
Autonomous Emergency Braking (AEB)	•
Driver Fatigue Detection	•
Forward Collision Warning (FCW)	•
Rear Collision Warning	•
Low Speed Alert	•
Emergency Call System (eCall)	•
Built-in Dashcam	•
Door Opening Warning (DOW)	•
Roll-Over Protection System	•

Air conditioning/refrigerator

Air conditioning temperature control method	• Automatic air conditioning
Rear Independent Climate Control	-
Rear seat air vents	•
Temperature zone control	•
Car air purifier	•
In-cabin PM2.5 Filter	•

Air conditioning/refrigerator (continued)

In-car Refrigerator	•
Negative ion generator	•
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

Wheel brake

Front Brake Type	Ventilation disc
Rear Brake Type	Ventilation disc
Parking brake type	Electronic Parking
Front Tire Size	265/65 R18
Rear Tire Size	265/65 R18
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	• Multicolor

Driving functions

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

Driving functions (continued)

Road traffic sign recognition	<ul style="list-style-type: none">•
Map Brand	<ul style="list-style-type: none">• Gaud
Remote Parking	<ul style="list-style-type: none">•
Driver assistance systems	<ul style="list-style-type: none">• Fipilot
Parking Assist	<ul style="list-style-type: none">•
Lane Change Assist	<ul style="list-style-type: none">•
Highway sections	<ul style="list-style-type: none">• Expressway section

Exterior lighting

Low beam light source	<ul style="list-style-type: none">• LED
High beam light source	<ul style="list-style-type: none">• LED
LED daytime running lights	<ul style="list-style-type: none">•
Adaptive high and low beam	<ul style="list-style-type: none">•
Automatic headlights	<ul style="list-style-type: none">•
Front fog lights	<ul style="list-style-type: none">• LED
Height-adjustable headlights	<ul style="list-style-type: none">•
Headlight Delay Off	<ul style="list-style-type: none">•
Turn signal lamp	<ul style="list-style-type: none">•

Exterior mirrors

Exterior mirror function	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Aluminum alloy
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;• 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">•

Appearance/anti-theft (continued)

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">• Tailgate
Discharge to the outside	<ul style="list-style-type: none">•
Side pedals	<ul style="list-style-type: none">• Fixed

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

Interior and exterior color

Exterior Color	Vatna Icefield Blue #7A92AC Snow Domain White #FFFFFF Dolomites Green #C8D2C9 Tarim Populus euphratica Gold #D0AB64 Peak Grey #7D868D Night Shadow Black #000000
Interior Color	Eclipse Blue Black #8B9FB8 #000000 Shallow Beach Green Black #ACBAC3 #000000 Storm m Black #A6A29C #000000 Tammi #C4BCA8

Steering wheel/interior mirror

Steering Wheel Material	<ul style="list-style-type: none">• Leather
Steering wheel position adjustment	<ul style="list-style-type: none">• Manual 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	-

Steering wheel/interior mirror (continued)

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
Gear shifting	<ul style="list-style-type: none">• Electronic gear shift
HUD Head Up Digital Display	<ul style="list-style-type: none">•
ETC Device	<ul style="list-style-type: none">•
HUD head up size	<ul style="list-style-type: none">• 50"

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">•

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">•
Energy recovery system	<ul style="list-style-type: none">•
Towing mode	<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">• Monocular
Number of cameras	<ul style="list-style-type: none">• 6

Driving Hardware (continued)

Number of ultrasonic radars	• 12
Transparent chassis/540-degree imaging	•
Millimeter wave radar quantity	• 5
Number of cameras in the car	• 1

In-car charging

Multimedia/charging port	•USB;•Type-C
Number of USB/Type-C ports	• 3 in the front row/2 in the back row
Mobile phone wireless charging function	• Front row
220V/230V power supply	•
Luggage compartment 12V power socket	•
USB/Type-C maximum charging power	•60W
Mobile phone wireless charging power	•50W

Optional Package

Optional Package	NFC Physical Card Key (1 yuan Contains NFC Physical Card Key (Canceled) 2.5t Trailer qualification (4000 yuan Contains Tow hook and trailer power supply outlet) Electric telescopic pedal (6000 yuan Contains Electric telescopic pedal (Cancel Optional) 20 inch tire set (10000 yuan Contains 20 Inch Sport Hub Front six-piston brake caliper Front perforated ventilation plate All-inclusive spare tire trim cover Leather-grain wheel eyebrow)
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"●" = Standard equipment

"□" = Not available

"○" = Optional equipment.

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