

EBU AUTO

2026 Changan Qiyuan Q05 EV - Q05 2026 506 Laser Intelligent Edition

Single Trim Specification Sheet

Official RMB	RMB 114,900
USD Reference	USD 16,897
Energy	Pure Electric
Range	506 km
Battery	51.9 kWh
Power	120 kW
Drive	Front-engine FWD
Body	Compact SUV
Dimensions	4435x1855x1595
Wheelbase	2735 mm

Basic Information

Parameter	Q05 2026 506 Laser Intelligent Edition
Official Guide Price	RMB 114,900
Manufacturer	Changan Qiyuan
Class	Compact SUV
Energy Type	Pure Electric
Launch Time	2026.04
Electric Motor	Pure Electric 163 hp
MIIT Pure Electric Range (km)	506
CLTC Pure Electric Range (km)	506
High-voltage Fast Charging Platform	Standard: 400V
Charging Time	Fast charge 15 min
Fast Charge SOC (%)	30-80
Maximum Power (kW)	120(163Ps)
Maximum Torque (N-m)	190
Transmission	EV single-speed transmission
Length x Width x Height (mm)	4435x1855x1595
Body Structure	5-door 5-seat SUV
Top Speed (km/h)	160
Official 0-100 km/h Acceleration (s)	-
Energy Consumption (kWh/100 km)	11.7
Electric Energy Equivalent Fuel Consumption (L/100 km)	1.36
Vehicle Warranty	6 years or 150,000 km

Body

Parameter	Q05 2026 506 Laser Intelligent Edition
Length (mm)	4435
Width (mm)	1855
Height (mm)	1595
Wheelbase (mm)	2735

Parameter	Q05 2026 506 Laser Intelligent Edition
Front Track (mm)	1580
Rear Track (mm)	1590
Minimum Ground Clearance (mm)	-
Body Structure	SUV
Number of Doors	5
Door Opening Type	Side-hinged doors
Number of Seats	5
Curb Weight (kg)	1550
Gross Vehicle Weight (kg)	1950
Trunk Volume (L)	540-1380
Minimum Turning Radius	5.3m
Drag Coefficient (Cd)	0.265

Electric Motor

Parameter	Q05 2026 506 Laser Intelligent Edition
Electric Motor Description	Pure Electric 163 hp
Motor Type	Permanent magnet; Synchronous
Total Motor Power (kW)	120
Total Motor Horsepower (Ps)	163
Total Motor Torque (N-m)	190
Front Motor Maximum Power (kW)	120
Front Motor Maximum Torque (N-m)	190
Number of Drive Motors	Single motor
Motor Layout	Front-mounted

Battery / Charging

Parameter	Q05 2026 506 Laser Intelligent Edition
Battery Type	LFP battery
Battery Feature Technology	Golden Shield battery
Cell Brand	CATL
Battery Pack Warranty	Lifetime warranty for first owner (subject to official terms)
Battery Capacity (kWh)	51.9
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	Standard: 3C
Battery Charging	Standard: Fast charge 15 min; Fast charging port
Fast Charging Port Location	Left front fender
Slow Charging Port Location	Left front fender
Battery Heating System	Standard
Battery Cooling System	Standard: Liquid cooling
One-pedal Mode	-
VTOL Mobile Power Station Function	Standard
VTOL Maximum External Discharge Power	3.3kW
VTOV Maximum External Discharge Power	-

Transmission

Parameter	Q05 2026 506 Laser Intelligent Edition
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed gear ratio transmission

Chassis / Steering

Parameter	Q05 2026 506 Laser Intelligent Edition
Drive Mode	Front-engine FWD
Front Suspension Type	MacPherson independent suspension
Rear Suspension Type	Trailing-arm torsion-beam non-independent suspension
Steering Type	Electric power steering
Vehicle Body Structure	Unibody

Wheels / Brakes

Parameter	Q05 2026 506 Laser Intelligent Edition
Front Brake Type	Ventilated disc
Rear Brake Type	Solid disc
Parking Brake Type	Electronic parking brake
Front Tire Size	225; 55 R18
Rear Tire Size	225; 55 R18
Spare Tire Specification	-
Spare Tire Placement	-

Active Safety

Parameter	Q05 2026 506 Laser Intelligent Edition
ABS Anti-lock Braking	Standard
Brake Force Distribution (EBD/CBC etc.)	Standard
Brake Assist (EBA/BA etc.)	Standard
Traction Control (TCS/ASR etc.)	Standard
Body Stability Control (ESP/DSC etc.)	Standard
Active Safety Warning System	Standard: Lane departure warning; Forward collision warning; Rear collision warning; Rear cross-traffic warning; Door open warning; Front cross-traffic warning; Front cross-traffic braking
Automatic Emergency Braking	Standard
Blind Spot Monitoring	Standard
Lane Keeping Assist	Standard
Lane Centering Assist	Standard
Driver Fatigue Reminder	Standard
Active DMS Fatigue Detection	Standard
In-cabin Vital Signs Detection	-
Traffic Sign Recognition	Standard
Traffic Light Recognition	Standard
Night Vision System	-

Passive Safety

Parameter	Q05 2026 506 Laser Intelligent Edition
Front Airbags	Standard: Driver side; Front passenger side

Parameter	Q05 2026 506 Laser Intelligent Edition
Side Airbags	Standard: Front row
Side Curtain Airbags	Standard
Front Knee Airbags	-
Central Airbag	-
Seat Belt Reminder	Standard
Tire Pressure Monitoring System	Standard: Tire pressure display
ISOFIX Child Seat Interface	Standard
Passive Pedestrian Protection	-
Run-flat / Safety Tires	-

Driver Assistance / Control

Parameter	Q05 2026 506 Laser Intelligent Edition
Parking Radar	Standard: Front; Rear
Front Vehicle Departure Reminder	Standard
Narrow Road Assist	Standard
Driver Assistance Camera System	Standard: Rearview camera; Side blind-zone camera; 360 panoramic camera; Transparent chassis view
Cruise System	Standard: Cruise control; Adaptive cruise control; Full-speed adaptive cruise control
Automatic Lane Change Assist	Standard
Ramp Auto Exit / Entry	Standard
Navigation-assisted Driving	Standard: Highway navigation assist; Urban navigation assist
Driver Assistance Level	Standard: L2
Automatic Parking	Standard
Trace Reversing	Standard
Memory Parking	Standard
AUTOHOLD	Standard
Hill Start Assist (HAC)	Standard
Hill Descent Control (HDC)	Standard
Variable Suspension Adjustment	Standard: Damping stiffness adjustment
Air Suspension	-
Air Suspension Type	-
Electromagnetic Induction Suspension	-
Variable Steering Ratio System	-
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	-
Center Differential Lock Function	-
Low-speed 4WD	-
Integrated Active Steering System	-
Driving Mode Selection	Standard: Sport; Personalized; Standard / Comfort
Brake Energy Recovery System	Standard
Comfort Braking	Standard
Low-speed Pedestrian Warning Sound	Standard

Exterior Configuration

Parameter	Q05 2026 506 Laser Intelligent Edition
Sunroof Type	Standard: Panoramic glass roof
Panoramic Roof Sunshade	Standard
Smart Dimming Glass Roof	-
Roof Rack	-
Sport Appearance Package	Standard
Electric Spoiler	-
Active Closed Air Intake Grille	Standard
Aluminum Alloy Wheels	Standard
Side Steps	-
Frameless Doors	-
Hidden Door Handles	-
Tow Hook	-

Interior Configuration

Parameter	Q05 2026 506 Laser Intelligent Edition
Steering Wheel Material	Standard: Leather
Steering Wheel Adjustment	Standard: Up/down + forward/backward
Electric Steering Wheel Adjustment	-
Steering Wheel Functions	Standard: Multifunction control
Gear Selector Type	Standard: Electronic column shifter
LCD Instrument Style	Standard: Full LCD
LCD Instrument Size (inches)	Standard: 10.17

Comfort / Anti-theft

Parameter	Q05 2026 506 Laser Intelligent Edition
Soft-close Doors	-
Power Tailgate	Standard
Hands-free Tailgate	-
Power Tailgate Position Memory	Standard
Central Locking	Standard
Remote Key Type	Standard: Smart remote key; Mobile Bluetooth key
Keyless Entry	Standard: Driver side
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Movement	Standard
Vehicle Summon Function	-
Head-up Display (HUD)	-
Built-in Dashcam	Standard
Active Noise Cancellation	-
Wireless Phone Charging	Standard
Maximum Wireless Phone Charging Power (W)	50
110V/220V/230V Power Outlet	-
Trunk 12V Power Outlet	Standard

Seat Configuration

Parameter	Q05 2026 506 Laser Intelligent Edition
Seat Material	Standard: Leatherette
Sport-style Seats	-
Seat Layout	Standard: 2+3
Second-row Independent Seats	-
Third-row Seats	-
Queen Seat	Standard
Seat Electric Adjustment	Standard: Driver seat; Front passenger seat
Sunken Rear Seat Folding	-
Driver Seat Overall Adjustment	Standard: Fore / aft movement; Backrest angle; Height adjustment
Driver Seat Partial Adjustment	Standard: Headrest; Lumbar support
Passenger Seat Overall Adjustment	Standard: Fore / aft movement; Backrest angle
Passenger Seat Partial Adjustment	Standard: Headrest; Lumbar support; Leg rest
Second-row Seat Overall Adjustment	Standard: Backrest angle adjustment
Second-row Seat Partial Adjustment	-
Front Seat Functions	Standard: Heating; Ventilation; Massage
Second-row Seat Functions	-
Third-row Seat Functions	-
Boss Key	-
Front / Rear Armrests	Standard: Front row; Rear row
Rear Cup Holders	Standard
Heated / Cooled Cup Holders	-
Rear Seat Folding Ratio	Standard: 40:60
Electric Rear Seat Folding	-
Second-row Small Table	-

Smart Connectivity

Parameter	Q05 2026 506 Laser Intelligent Edition
Center Screen Size (inches)	Standard: 15.6
Center Screen Material	Standard: LCD
Center Display Resolution	2.5K (2560x1440)
Center Display Pixel Density (PPI)	Standard: 188
Satellite Navigation System	Standard
AR Real-view Navigation	-
Navigation Traffic Information Display	Standard
Map Brand	Standard: Amap
Roadside Assistance Service	Standard
Bluetooth / Car Phone	Standard
Phone Connectivity / Mirroring	Standard: CarPlay; HUAWEI HiCar; Carlink; OEM system
Internet of Vehicles	Standard
4G/5G Network	Standard: 5G
OTA Update	Standard
Face Recognition	-
Fingerprint Recognition	-

Parameter	Q05 2026 506 Laser Intelligent Edition
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition Control System	Standard
Wake-free Voice Function	Standard
Zoned Voice Wake-up Recognition	Standard: Dual-zone
Continuous Voice Recognition	Standard
Visible-to-speak Voice Control	Standard
Voice Assistant Wake Word	Hello Xiaoan
Gesture Control Function	-
Wi-Fi Hotspot	Standard

Audio / Entertainment

Parameter	Q05 2026 506 Laser Intelligent Edition
Multi-finger Screen Transfer Control	-
App Store	Standard
Multimedia Ports	Standard: USB; Type-C
Number of USB / Type-C Ports	Standard: 2 front ports; 1 rear port
Maximum USB / Type-C Charging Power	-
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	-
Karaoke Function	Standard
Audio Brand	-
Number of Speakers	Standard: 8
Rear Multimedia Control	-

Lighting

Parameter	Q05 2026 506 Laser Intelligent Edition
Low Beam	Standard: LED
High Beam	Standard: LED
Daytime Running Lights	-
Adaptive High / Low Beam	Standard
Automatic Headlights	Standard
Cornering Assist Lights	-
Front Fog Lights	-
Adaptive Front-lighting System (AFS)	-
Headlight Height Adjustment	Standard
Headlight Cleaning Function	-
Interior Ambient Lighting	Standard: 256 colors
Active Ambient Lighting	Standard
Lighting Special Features	-
Light Projection Technology	-
Headlight Delay-off	Standard
Headlight Rain / Fog Mode	-

Glass / Mirrors

Parameter	Q05 2026 506 Laser Intelligent Edition
Power Windows	Standard: Front row; Rear row
One-touch Window Up / Down	Standard: All windows
Anti-pinch Window Function	Standard
Exterior Mirror Functions	Standard: Power adjustment; Heating; Power folding; Auto-fold when locked
Interior Mirror Functions	-
Vanity Mirrors	Standard: Driver side with lighting; Passenger side with lighting
Rear Privacy Glass	-
Interior Sunshade	-
Rain-sensing Wipers	Standard
Rear Wiper	Standard
Opening Rear Window Glass	-
Multi-layer Acoustic Glass	-
Heated Front Windshield	-
Heated Washer Nozzles	-

Air Conditioning / Refrigerator

Parameter	Q05 2026 506 Laser Intelligent Edition
Air Conditioning Control Type	Standard: Automatic
Rear Independent Air Conditioning	-
Rear Air Vents	Standard
Multi-zone Temperature Control	-
In-car Air Purifier	-
In-car PM2.5 Filter	Standard
Negative Ion Generator	-
In-car Fragrance System	-
AQS Air Quality Management System	-
Car Refrigerator	-
Car Refrigerator Functions	-

Intelligent Configuration

Parameter	Q05 2026 506 Laser Intelligent Edition
Driver Assistance Operating System	Standard: Tianshu intelligent driver assistance - LiDAR edition
Driver Assistance Chip	Standard: Horizon J6M
Driver Assistance Chip Computing Power (TOPS)	Standard: 128
Smart Cockpit System	Standard: Tianshu smart cockpit
Smart Cockpit Chip	Standard: Dimensity Cockpit P1 Ultra
Vehicle System Memory (GB)	Standard: 24
Vehicle System Storage (GB)	Standard: 128
Mobile App Remote Control	Standard: Digital key; Vehicle monitoring; Remote control; Charging management; Service appointment
Heat Pump Management System	-
Number of Exterior Cameras	Standard: 11
Exterior Camera Resolution	Standard: 8 MP
Number of Interior Cameras	Standard: 1

Parameter	Q05 2026 506 Laser Intelligent Edition
Interior Camera Resolution	-
Number of Ultrasonic Radars	Standard: 12
Number of Millimeter-wave Radars	Standard: 3
Number of LiDAR Sensors	Standard: 1
LiDAR Brand	Hesai Technology
Sub-meter High-precision Positioning System	-
High-precision Map	-
Sentinel Mode	Standard
V2X Communication	-

Option Packages

Parameter	Q05 2026 506 Laser Intelligent Edition
Custom Options	Optional exterior; Interior; Wheels; Brakes
Laser Smart Enjoyment Package	-

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