Chang 'an Qiyuan Q05 2026 Model 405 Laser Smart Edition

Basic information	
Manufacturer	Chang 'an Qiyuan
Level	Compact SUV
Energy type	Pure electric
Time to market	2026-04-24
Pure electric mileage (km)	405
Fast charging time (hours)	0.25
Percentage of fast charge	30-80
Maximum Power (kW)	120
Maximum torque (N m)	190
Electromotor (Ps)	163
Gearbox	Electric vehicle single-speed gearbox
Length * width * height (mm)	4435*1855*1595
Body structure	5 doors, 5 seats SUV
Maximum speed (km/h)	160
Electric energy equivalent fuel	1.31
Car body	
Length (mm)	4435
Width (mm)	1855
Height (mm)	1595
Wheelbase (mm)	2735
Front wheel track(mm)	1580
Rear wheel track(mm)	1590
Approach angle (°)	18
Departure angle (°)	25
Minimum turning radius (m)	5.3
Body structure	SUV
Door opening mode	Open the door flat
Number of doors (units)	5
Number of seats (unit)	5
Luggage compartment volume (L)	540-1380
Wind resistance coefficient (Cd)	0.265
Quality of equipment (kg)	1470
Maximum load mass (kg)	1870
Engine Electric motor	
Former motor brand	Chongqing Qingshan
Front motor model	TZ180XS002
Motor type	Permanent magnet / synchronization
Total Motor Power (kW)	120
Total motor power ps	163
Total torque of motor (N m)	190
Maximum power of front motor	120
Maximum torque of front motor (N	190
Number of driving motors	Single motor
Motor layout	Front position
100 km power consumption	11.3
Gearbox	
referred to as	Electric vehicle single-speed gearbox
Number of blocks	1
Gearbox type	Fixed gear ratio gearbox
Chassis / wheel	
Driving mode	Front front drive
Front suspension type	McPherson independent suspension
Rear suspension type	Torsion beam non-independent suspension
assist type	Electric power assist
body structure	load-bearing
Front brake type	ventilation disc
Rear brake type	Disc type
Parking brake type	electronic parking
Rim material	Aluminum alloy
Front tire specification	225/55 R18
Rear tire specification	225/55 R18
Security configuration	
Driver/passenger airbag	● Driver ● Passenger
Front/rear side airbags	● Front Row — Rear Row
Front/rear head airbags (curtain airbags)	● Front Row ● Rear Row
Tire pressure monitoring function	● Tire pressure display
Seat belt unfastened reminder	● Front row
Control configuration	
Driving mode switching	● Exercise ● Standard/Comfort ● Customization / personalization
Shift form	● Electronic pocket gear shift
Variable suspension function	● Suspension soft and hard adjustment
Auxiliary / intelligent driving	
Cruise system	● Full speed adaptive cruise
Auxiliary driving level	● L2
Auxiliary driving system	● Tianshu Intelligent Driving Assistance Laser Version
Driving assist chip	● Horizon J6M
Chip total computing power	● 128 TOPS
Driving assist image	● 360 degree panoramic image ● Image of blind area on the side of car
Number of cameras	● 11
Forward-sensing camera type	● binocular
Environment-aware camera pixels	● 300 million

Look around the camera pixels	● 300 million
Front / rear parking radar	● Front Row
	● Rear Row
Number of ultrasonic radars	● 12
Number of millimeter wave radars	● 3
Lidar brand	● HESAI Hosai Technology
Number of lidars	● 1
In-car camera	● 1
Appearance configuration	
Sunroof type	● Cannot open panoramic sunroof
key type	● Bluetooth key
	● remote key
Keyless entry function	● Driving position
internal configuration	
Driving computer display screen	● Color
LCD meter size	● 10.17 inches
Steering wheel material	● Cortical layer
Steering wheel position adjustment	● Manual up and down + front and rear adjustment
Seat configuration	
Seat material	● Imitation leather
Driver's seat adjustment method	● Waist support (4 directions)
	● High and low adjustment (2 directions)
	● Backrest adjustment
	● Front and rear adjustment
Adjustment mode of Passenger seat	● Backrest adjustment
	● Front and rear adjustment
Driver / passenger seat electric adjustment	● Driver
	● Passenger
Front seat function	● Massage (driver's seat only)
	● Ventilation (driver's seat only)
	● Heating (driver's seat only)
Second row seat adjustment	● Backrest adjustment
Back seat down form	● Proportional toppling
Front / rear central handrail	● Front Row
	— Rear Row
Lighting configuration	
Low light source	● LED
High beam light source	● LED
Interior ambient lamp	● 256 colors
Glass / rearview mirror	
	● Electric regulation
	● Electric folding
	● rear view mirror heating
	● Lock the car and fold automatically
Inductive wiper function	● rain sensing
Front/rear power windows	● Front Row
	● Rear Row
Window up and down function with	● The whole car
In-car cosmetic mirror	● Main driver + lights
	● Front passenger + lighting
Inner rearview mirror function	● Manual anti-glare
Smart Internet	
Central control color LCD screen	● Touch LCD screen
LCD screen size	● 15.6 in.
Resolution of central control panel	● 2560x1440
Vehicle intelligent system	● Tianshu smart cockpit
4G/5G network	● 5G
Mobile phone interconnection / mapping	● Support for CarPlay
	● Support for Carlink
	● Support Huawei HiCar
	● Glory Car Alliance
Speech recognition control system	● Multimedia system
	● Navigation
	● Telephone
	● Air Conditioner
	● Car window
	● Seat heating
	● Seat ventilation
	● Seat massage
Voice regional wake-up	● Double region
Voice assistant awakening word	● Hello, Ann
Audio-visual entertainment	
Multimedia / charging interface	● Type-C
	● USB
Number of USB/Type-C Interfac	● 2 in the front / 1 in the back
Wireless charging function of	● Front row
Wireless charging power of mobile	● 50W
Number of speakers	● 8 loudspeakers
Number of external speakers	● 1 horn
Air conditioner / refrigerator	
Air conditioning temperature	● Automatic air conditioning
remarks	
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Appearance





Interior decoration










Space










remarks:

● standard

○ optional

— no

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