

iCAR 03 2024 501km 4WD Long Range Advanced Edition

Basic parameters (● Standard ○ Optional - N/A)

Manufacturer	Chery New Energy
level	compact SUV
Energy type	Pure electric
Time to market	2024.02
CLTC pure electric range (km)	501
Battery fast charging time (hours)	0.5
Battery fast charge capacity range (%)	30-80
Maximum power (kW)	205
Maximum torque (N • m)	385
Body structure	5-door, 5-seater SUV
Motor (Ps)	279
Length*Width*Height(mm)	4406*1910*1715
Official 0-100km/h acceleration (s)	6.5
Official 0-50km/h acceleration (s)	3.0
Maximum speed (km/h)	150
Electric energy equivalent fuel consumption (L/100km)	1.87
Curb mass (kg)	1892
Maximum full load mass (kg)	2286

body (● Standard ○ Optional - N/A)

Length (mm)	4406
Width (mm)	1910
Height (mm)	1715
Wheelbase (mm)	2715
Front wheelbase (mm)	1626
Rear wheelbase (mm)	1645
Minimum ground clearance when fully loaded (mm)	170
Minimum ground clearance when unloaded (mm)	200
Approach angle (°)	26
Departure angle (°)	29
Maximum climbing grade (%)	55
Minimum turning radius (m)	5.7
Body structure	SUV
Door opening method	swing door
Number of doors	● 5
Number of seats	● 5
Trunk volume (L)	-
Drag coefficient (Cd)	-

electric motor (● Standard ○ Optional - N/A)

Front motor model	112AA3
Rear motor model	112AA5
Motor type	Permanent magnet/synchronous
Total motor power (kW)	205

Total motor horsepower (Ps)	279
Total torque of the motor (N • m)	385
Maximum power of front motor (kW)	70
Maximum torque of front motor (N • m)	165
Maximum power of rear motor (kW)	135
Maximum torque of rear motor (N • m)	220
Number of drive motors	Dual motors
Motor layout	Front + rear

Battery/Charging (● Standard ○ Optional - N/A)

Battery Type	● lithium iron phosphate battery
Battery cell brand	● CATL (Jiangsu Times)
Battery cooling method	Liquid Cooling
CLTC pure electric range (km)	501
Battery energy (kWh)	69.77
Power consumption per 100 kilometers (kWh/100km)	16.5
Fast charging function	support
Fast charging power (kW)	85
Battery fast charging time (hours)	0.5
Battery fast charge capacity range (%)	30-80
Slow charging port location	Right rear side of the car

Fast charging port location	Right rear side of the car
External AC discharge power (kW)	3.3

gearbox (☒ Standard ☐ Optional - N/A)

Abbreviation	Electric vehicle single-speed transmission
Number of gears	1
Transmission type	Fixed gear ratio gearbox

Chassis steering (☒ Standard ☐ Optional - N/A)

Drive mode	☒ Dual-motor four-wheel drive
Four-wheel drive	☒ Electric four-wheel drive
Front suspension type	☒ McPherson independent suspension
Rear suspension type	☒ Multi-link independent suspension
Power type	☒ Electric power steering
Body structure	load-bearing

wheel brakes (☒ Standard ☐ Optional - N/A)

Front brake type	☒ Ventilated disc
Rear brake type	☒ Disc
Parking brake type	☒ Electronic parking brake
Front tire specifications	☒ 225/55 R19
Rear tire specifications	☒ 225/55 R19
Spare tire specifications	-

Passive safety (☒ Standard ☐ Optional - N/A)

Driver/passenger seat airbags	host● / Vice●
Front/rear side airbags	forward● / back-
Front/rear head airbags (curtain airbags)	forward● / back●

Active safety (● Standard ○ Optional - N/A)

ABS anti-lock braking system	●
Braking force distribution (EBD/CBC, etc.)	●
Brake assist (EBA/BAS/BA, etc.)	●
Traction control (ASR/TCS/TRC, etc.)	●
Vehicle stability control (ESC/ESP/DSC, etc.)	●
Tire pressure monitoring function	● Tire pressure display
Seat belt unfastened reminder	● front row
ISOFIX child seat interface	●
Lane Departure Warning System	●
Active braking/active safety systems	●
Fatigue driving tips	●
DOW door opening warning	●
Forward Collision Warning	●
Rear Collision Warning	●
Low speed warning	●
Built-in driving recorder	●

Roadside assistance call	●
Anti-rollover system	●

Driving control (● Standard ○ Optional - N/A)

Driving mode switch	● sports ● economy ● Standard/Comfort ● Off-road ● Snow ● Customization/Personalization
Energy recovery system	●
Automatic parking	●
Hill-start assist	●
Steep slope descent	●

Four-wheel drive/off-road (● Standard ○ Optional - N/A)

Creep Mode	●
Tank turning	●
Tow hook	-

Driving hardware (● Standard ○ Optional - N/A)

Front/rear parking radar	forward● / back●
Driving assistance images	● 360-degree panoramic images ● Vehicle side blind spot image
Transparent chassis/540-degree imaging	●
Forward perception camera	● Monocular
Number of cameras	● 5

Number of ultrasonic radars	● 8
Number of millimeter-wave radars	● 3

Driving functions (● Standard ○ Optional - N/A)

Cruise control system	● Full-speed adaptive cruise control
Driving assistance level	● L2
Reversing side warning system	●
Satellite navigation system	●
Navigation traffic information display	●
Map Brand	● Gaode ● Tencent
Lane change assistance	●
Lane Keeping Assist System	●
Lane centering	-
Road traffic sign recognition	●
Assisted parking	-
Remote control parking	-
Memory Parking	-
Track reverse	-
Assisted lane change	-
Automatic exit (entry) of auxiliary ramp	-
Start reminder	●
Assisted driving sections	-

Appearance/anti-theft (● Standard ○ Optional - N/A)

Rim material	● aluminum alloy
Electric suction door	● tailgate
Electric trunk	-
Roof rack	●
Central locking system in the car	●
Key type	● remote control key ● NFC/RFID keys
Keyless start system	●
Keyless entry function	● whole vehicle
Hidden electric door handles	●
Remote start function	●
Battery preheating	●
Discharge to the outside	●

Exterior lights (● Standard ○ Optional - N/A)

Low beam light source	● led
High beam light source	● led
LED daytime running lights	●
Adaptive high and low beam	●
Automatic headlights	●
Front fog lights	-
Headlight height adjustable	●
Headlights delayed off	●

Skylight/Glass (● Standard ○ Optional - N/A)

Skylight Type	● Openable panoramic sunroof
Front/rear electric windows	forward● / back●
One-touch window lift function	● whole vehicle
Window anti-pinch function	●
Side window multi-layer soundproof glass	● front row
Car makeup mirror	● Main driving light + lighting ● Co-pilot + lighting
rear wiper	●
Rain sensor wiper function	● Rain sensor

exterior rearview mirror (● Standard ○ Optional - N/A)

Exterior rearview mirror function	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Heated rearview mirrors ● Automatically tilt down when reversing ● Automatic folding when locking the car
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Screen/System (● Standard ○ Optional - N/A)

Central control color screen	● Touch LCD screen
Central control screen size	● 15.6 inches
Bluetooth/car phone	●
Mobile phone interconnection/mapping	● Support HUAWEI HiCar

Voice recognition control system	Multimedia system navigation Telephone air conditioner Skylight car windows Heated seats
Voice assistant wake-up word	Hello, iCAR
Voice wake-up word-free	
Voice wake-up recognition by region	Four regions
Continuous Speech Recognition	
Seeing is telling	
In-vehicle intelligent system	i-VA
Car computer smart chip	Qualcomm Snapdragon 8155

Intelligent configuration

(Standard Optional - N/A)

Internet of Vehicles	
4G/5G network	4G
OTA upgrade	
Mobile APP remote function	Door control Window controls Vehicle start Charging Management Air conditioning control Heated steering wheel Heated seats Vehicle condition inquiry/diagnosis Vehicle positioning/search
Car KTV	

Steering wheel/interior rearview mirror (●

Standard ○ Optional - N/A)

Steering wheel material	● cortex
Steering wheel position adjustment	● Manual up and down + front and back adjustment
Gear shifting	● Electronic hand-shift gear
Multi-function steering wheel	●
Heated steering wheel	●
Steering wheel memory	-
Trip computer display screen	● color
Full LCD instrument panel	●
LCD instrument size	● 9.2 inches
Interior rearview mirror function	● Automatic anti-glare

In-car charging (● Standard ○ Optional - N/A)

Multimedia/charging port	● USB ● Type-C
Number of USB/Type-C ports	● 2 front seats/2 back seats
USB/Type-C maximum charging power	● 60W
Mobile phone wireless charging function	● front row
Mobile phone wireless charging power	● 50W
Luggage compartment 12V power socket	●

Seat configuration (● Standard ○ Optional - N/A)

Seat material	☒ imitation leather
Main seat adjustment method	☒ Front and rear adjustment ☒ Backrest adjustment ☒ Height adjustment (2-way) ☒ Leg rest adjustment
Passenger seat adjustment method	☒ Front and rear adjustment ☒ Backrest adjustment
Driver/passenger seat electric adjustment	host ☒ / Vice ☒
Front seat functions	☒ heating
Electric seat memory function	☒ Driver's seat
Co-pilot rear seat adjustable buttons	-
Second row seat adjustment	-
Rear seat folding	☒ Proportional down
Front/rear center armrest	forward ☒ / back ☒
Rear cup holder	☒

Audio/Interior Lighting (☒ Standard ☐ Optional - N/A)

Speaker brand name	☒ Infinity
Number of speakers	☒ 12 speakers
Interior ambient lighting	☒ 64 colors

Air conditioning/refrigerator (☒ Standard ☐ Optional - N/A)

Air conditioning temperature control method	☒ Automatic air conditioning
Rear independent air conditioning	-

Rear seat air vents	●
Temperature zone control	●
Car air purifier	-
In-car PM2.5 filter	●
Negative ion generator	-

color (● Standard ○ Optional - N/A)

Appearance color	Sure enough, it's white It's really black Really annoying silver A bit gray I'm So Blue (discontinued) No banana green Electricity Yellow
Interior color	Black/Green (The Wizard of Oz) Black/White (Flying Geese Stepping on Snow)

Optional Package (● Standard ○ Optional - N/A)

Towing trailer hook	-
Coffee Set	-