

Vehicle Detail Report

Li Auto L9 2022 Max version

Basic Information

Brand	Li Auto
Mileage	78,000 km
Color	Black
First Registration	2023-11-01
Transfer Count	0

Vehicle Images



Model Information (continued)

Launch Date	2022.06
Basic parameters	
Vehicle Class	Large SUV
Energy Type	Extended Range Electric Vehicle (EREV)
Maximum Power (kW)	113
Maximum Torque (N·m)	-
Transmission	Electric vehicle single speed gearbox
Body Type	SUV
Engine	Extended range 154 horsepower
Dimensions (L×W×H) (mm)	5218*1998*1800
Official 0-100 km/h Acceleration (s)	5.3
Top Speed (km/h)	180
Curb Weight (kg)	2520
Maximum Gross Weight (kg)	3120
Fast Charging Time (h)	0.5
Slow Charging Time (h)	6.5
Electric Motor (PS)	449
Fast Charging Range (%)	20-80
Electricity Consumption in Fuel Equivalent (L/100km)	2.51
WLTC Electric Range (km)	175
Fuel Consumption with Depleted Battery (L/100km)	7.8
WLTP Combined Fuel Consumption (L/100km)	0.86
Measured 0-100 km/h Acceleration (s)	5.31
Measured 100-0 km/h Braking Distance (m)	38.2
Real-world Fuel Consumption (L/100km)	7.1
CLTC Electric Range (km)	215

Basic parameters (continued)

Battery slow charging capacity range (%)	0-100
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engine

Engine Model	L2E15M
Displacement (mL)	1496
Displacement (L)	1.5
Induction Type	Turbocharging
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Valve Train	DOHC
Maximum Power (PS)	154
Max Power Speed (rpm)	-
Max Torque Speed (rpm)	-
Maximum net power (kW)	110
Fuel Grade	95.
Fuel Delivery System	Direct injection
Cylinder Head Material	Aluminum alloy
Cylinder Block Material	Aluminum alloy
Engine layout	Horizontal

Electric Motor

Motor Type	Permanent magnet/synchronous
Total Electric Motor Power (kW)	330
Total Electric Motor Torque (N·m)	620
Front Electric Motor Max Power (kW)	130
Front Electric Motor Max Torque (N·m)	220
System total power (kW)	330
System comprehensive torque (N·m)	620
Number of drive motors	Dual motors
Motor Layout	Front-mounted Rear-mounted
Battery Type	Ternary lithium battery

Electric Motor (continued)

Battery Capacity (kWh)	42.6
Total Electric Motor Power (PS)	449
Rear Electric Motor Max Power (kW)	200
Rear Electric Motor Max Torque (N·m)	400
Battery Cell Brand	Ningde Times
Battery Cooling System	Liquid cooling
Power consumption per 100 kilometers (kWh/100km)	22.2
Fast charging function	Support
WLTC comprehensive range (km)	1100
Slow charging port location	Rear right side of the car
System comprehensive power (Ps)	449
Rear motor model	TZ220XS066
Fast charging port location	Rear right side of the car
External AC discharge power (kW)	3.5
Minimum allowable value of external discharge (%)	20
Front motor model	TZ180XS008
Fast Charging Power (kW)	75
Battery unique technology	Using flame retardant materials and thermal runaway protection technology
Charging pile price (yuan)	5000

Screen/System

Central control color screen	• Touch LCD screen
Infotainment Screen Size	• 15.7 inches
Bluetooth/In-car Phone	•
Voice recognition control system	• Multimedia system; • Navigation; • Telephone; • Air conditioning; • Windows; • Seat heating; • Seat ventilation; • Seat massage

Screen/System (continued)

Voice wake-up recognition by region	• Six areas
Rear LCD screen	•
Vehicle system storage (GB)	•256
App Store	•
Central control screen type	•OLED
Central control screen resolution	•3K
Central control screen pixel density	•210PPI
Passenger entertainment screen size	• 15.7 inches
Passenger screen type	•OLED
Passenger screen resolution	•3K
Passenger screen pixel density	•210PPI
Voice assistant wake-up word	• Ideal classmate
Voice wake-up word-free	•
Continuous speech recognition	•
See and Say	•
Car Intelligent Chip	•2 Qualcomm Snapdragon 8155 chips
Multi-finger flying screen control	•
Vehicle system memory (GB)	•24
Rear multimedia control	•
Rear LCD screen size	• 15.7 inches
Number of rear multimedia screens	• 1
Rear LCD screen type	•OLED
Rear LCD screen resolution	•3K
Gesture Control	•
Voiceprint Recognition	•

Body

Length (mm)	5218
Width (mm)	1998
Height (mm)	1800
Wheelbase (mm)	3105
Front Track (mm)	1725
Rear Track (mm)	1741
Door Opening Type	swing door
Number of Doors	5
Number of Seats	6
Fuel Tank Capacity (L)	65
Trunk volume (L)	332-1191
Drag Coefficient (Cd)	0.3
Approach Angle (°)	19
Departure Angle (°)	21

Gearbox

Abbreviation	Electric vehicle single speed gearbox
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

Chassis steering

Drive Type	Dual-motor All-wheel Drive
Four-wheel drive	Electric four-wheel drive
Front Suspension Type	Double wishbone independent suspension
Rear Suspension Type	Five-link independent suspension
Power Steering Type	Electric power assistance
Vehicle structure	bearing type

Seat Configuration

Seat Material	• Leather
Main seat adjustment	• Front and rear adjustment; • Backrest adjustment; • Height adjustment (4-way);• Lumbar support (4-way)
Co-seat adjustment method	• Front and rear adjustment; • Backrest adjustment; • Height adjustment (4-way);• Lumbar support (4-way)

Seat Configuration (continued)

Electric adjustment of driver's seat and passenger seat	Main •/Deputy •
Front seat functions	• Heating; • Ventilation; • Massage
Electric seat memory function	• driving position; • co-pilot position
Front passenger seat rear adjustable buttons	•
Second row seat adjustment	• Front and rear adjustment; • Backrest adjustment; • Lumbar adjustment; • Leg rest adjustment
Rear seat folding	• Proportional down
Front/rear center armrest	Front •/Rear •
Rear cup holder	•
Second row seat functions	• Heating; • Ventilation; • Massage
Seat Layout	•2-2-2
Second row independent seats	•
Electric folding rear seats	•
Second row seats electrically adjustable	•
Third row seat adjustment	• Backrest adjustment
The third row of seats is electrically adjustable	•
Rear small table	•
Third row seat functions	• 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

Active safety (continued)

Seat Belt Reminder	• Full car
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)	•
Sentry Mode	•

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	•
In-car Refrigerator	•
Car fragrance device	•
Air quality monitoring	•

Passive safety

Driver/passenger airbag	Main •/Deputy •
Front/rear side airbags	Front •/Rear •
Front/rear head airbags (curtain airbags)	Front •/Rear •

Wheel brake

Front Brake Type	Ventilation disc
Rear Brake Type	Ventilation disc

Wheel brake (continued)

Parking brake type	Electronic Parking
Front Tire Size	265/45 R21
Rear Tire Size	265/45 R21
Spare Tire Size	-

Audio/Interior Lighting

Number of speakers	• 21 Horn
Interior ambient lighting	• 256 color
Touch reading light	•
Dolby Atmos	•

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	•
Road traffic sign recognition	•
Map Brand	• Gaud
Driver assistance systems	• Ideal AD Max
High-precision map	•
Remote Summon	•
Hands-off detection	•
Start reminder	•
Parking Assist	•
Lane Change Assist	•
Automatic Ramp Entry/Exit Assist	•
Highway sections	• Urban sections; • Expressway sections

Exterior lighting

Exterior lighting (continued)

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

Exterior mirrors

Exterior mirror function	• Electric adjustment; • Electric folding; • Rearview mirror memory; • Rearview mirror heating; • Automatic downturning when reversing; • Automatic folding when locked; • Automatic anti-glare
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Appearance/anti-theft

Rim material	• Aluminum alloy
Electric trunk	•
Electronic engine immobilizer	•
Central locking system in the car	•
Key Type	• Remote key; • Bluetooth key
Keyless start system	•
Keyless entry function	• Full car
Hands-free Trunk	•
Electric trunk position memory	•
Remote start function	•
Battery preheating	•
Active closed grille	•
Electric door closing	• Full car
Hidden electric door handle	•
Discharge to the outside	•
Side pedals	○ Electric (USD 1,471)

Skylight/Glass

Sunroof Type	• Sectional unopenable skylight
Front/rear electric windows	Front •/Rear •
One-touch window lifting function	• Full car
Window anti-pinch function	•
Car makeup mirror	• Main driver's lamp; • co-pilot's lamp
Rear wiper	•
Rain sensor wiper function	• Rainfall-sensing
Rear side privacy glass	•
Side window multi-layer soundproof glass	• Front row; • Rear row

Interior and exterior color

Exterior Color	Gold Metallic:#8F8270; Purple Special Edition Pearl Paint:#755382; Gray Metallic:#A4A8AE; Green Special Edition Pearl Paint:#6C877C; Silver Metallic:#C7C7C7; Black Metallic:#1E1E1E; Blue Special Edition Cold Light Paint:#A3B9D2
Interior Color	Black/Curry:#000000/#332F2E; Black/White:#000000/#DAD6CF; Black/Orange:#000000/#C0674A

Steering wheel/interior mirror

Steering Wheel Material	• Leather
Steering wheel position adjustment	• Electric up and down front and rear adjustment
Multi-function steering wheel	•
Heated Steering Wheel	•
Steering wheel memory	•
Trip computer display screen	• Color
Full LCD instrument panel	•
LCD instrument size	• 4.82 inches
Interior rearview mirror function	• Automatic anti-glare
Gear shifting	• Electronic gear shift

Steering wheel/interior mirror (continued)

HUD Head Up Digital Display	
HUD head up size	13.35 inches

Intelligent configuration

Connected Car Services	
OTA Updates	
4G/5G Network	5G
Mobile APP remote function	- Door control; - Window control; - Vehicle startup; - Charging management; - Air conditioning control; - Steering wheel heating; - Seat heating; - Seat ventilation; - Vehicle condition inquiry/diagnosis; - Vehicle location/car search; - Owner service (find charging piles, gas stations, parking lots, etc.); - Appointment maintenance/repair
In-vehicle Biometric Monitoring	

Driving Control

Driving mode switch	- Sport; - Standard/Comfort; - Off-road; - Snow
Automatic parking	
Steep slope descent	
Hill start assist	
Energy recovery system	
Variable suspension function	- Suspension soft and hard adjustment; - Suspension height adjustment
Air Suspension	
Magic Carpet Intelligent Suspension	

Driving Hardware

Front/rear parking radar	Front •/Rear •
Driving Assistance Camera System	360-degree panoramic image
Front perception camera	Binocular
Number of cameras	11
Number of ultrasonic radars	12

Driving Hardware (continued)

Transparent chassis/540-degree imaging	•
Millimeter wave radar quantity	• 1
Assisted driving chip	• 2 Nvidia Orin-X
Total chip computing power	•508 TOPS
LiDAR Brand	•HESAI Technology
LiDAR Model	•AT128
Number of LiDARs	• 1
Laser radar line number	• 128 line
Number of LiDAR point clouds	• 1.53 million/sec
Front perception camera pixels	• 8 million
Environmental awareness camera pixels	• 8 million; • 2 million
Surround view camera pixels	• 2 million
Laser radar 10% reflectivity detection distance	• 200 m

In-car charging

Multimedia/charging port	•Type-C
Number of USB/Type-C ports	• 2 in the front row/4 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

"●" = Standard equipment

"□" = Not available

"○" = Optional equipment.

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