

HILUCK Your Trusted Chinese EV Partner	Ideal L9 2025 Pro Smart Renewal Edition -	Ideal L9 2025 Ultra Smart Renewal Edition -
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Basic parameters (● Standard ○ Optional - N/A)

Manufacturer	Ideal Auto	Ideal Auto
level	Large SUV	Large SUV
Energy type	Extended range	Extended range
Environmental standards	National VI	National VI
Time to market	2025.05	2025.05
WLTC pure electric range (km)	235	235
CLTC pure electric range (km)	280	280
Battery fast charging time (hours)	0.42	0.42
Battery slow charging time (hours)	7.9	7.9
Battery fast charge capacity range (%)	20-80	20-80
Battery slow charging capacity range (%)	0-100	0-100
Maximum power (kW)	330	330
Maximum torque (N·m)	620	620
gearbox	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission
Body structure	5-door, 6-seater SUV	5-door, 6-seater SUV
engine	Extended range 154 horsepower	Extended range 154 horsepower
Motor (Ps)	449	449
Length*Width*Height(mm)	5218*1998*1800	5218*1998*1800

Official 0-100km/h acceleration (s)	5.18	5.18
Official 100-0km/h braking (m)	33.91	33.91
Maximum speed (km/h)	180	180
WLTC comprehensive fuel consumption (L/100km)	0.71	0.71
Lowest state-of-charge fuel consumption (L/100km) WLTC	7.6	7.6
Electric energy equivalent fuel consumption (L/100km)	2.64	2.64
Combined fuel consumption (L/100km)	3.42	3.42
Curb mass (kg)	2570	2570
Maximum full load mass (kg)	3170	3170

body (● Standard ○ Optional - N/A)

Length (mm)	5218	5218
Width (mm)	1998	1998
Height (mm)	1800	1800
Wheelbase (mm)	3105	3105
Front wheelbase (mm)	1725	1725
Rear track (mm)	1741	1741
Minimum ground clearance when fully loaded (mm)	172	172
Minimum ground clearance when unloaded (mm)	173	173
Approach angle (°)	19	19
Departure angle (°)	twenty one	twenty one

Longitudinal passing angle (°)	16.3	16.3
Maximum climbing grade (%)	40	40
Maximum climbing angle (°)	21.8	21.8
Minimum turning radius (m)	6.1	6.1
Maximum wading depth (mm)	500	500
Body structure	SUV	SUV
Door opening method	swing door	swing door
Number of doors	● 5	● 5
Number of seats	● 6	● 6
Fuel tank capacity (L)	65	65
Trunk volume (L)	332-1191	332-1191
Drag coefficient (Cd)	0.3	0.3

engine (● Standard ○ Optional - N/A)

Engine model	L2E15M	L2E15M
Displacement (mL)	1496	1496
Displacement (L)	1.5	1.5
Intake form	turbocharged	turbocharged
Engine layout	horizontal	horizontal
Cylinder arrangement	L	L
Number of cylinders	4	4
Number of valves per cylinder	4	4
Compression ratio	12.5	12.5
valve train	DOHC	DOHC
Cylinder diameter (mm)	74.5	74.5

Stroke (mm)	85.8	85.8
Maximum horsepower (Ps)	154	154
Maximum power (kW)	113	113
Maximum power speed (rpm)	4800	4800
Maximum torque (N·m)	245	245
Maximum torque speed (rpm)	2500-4000	2500-4000
Maximum net power (kW)	110	110
Energy type	Extended range	Extended range
Fuel grade	No. 95	No. 95
Oil supply method	Direct injection	Direct injection
Cylinder head material	aluminum alloy	aluminum alloy
Cylinder material	aluminum alloy	aluminum alloy
Environmental standards	National VI	National VI

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

former motor brand	Changzhou Huixiang	Changzhou Huixiang
Rear motor brand	BorgWarner/UAE	BorgWarner/UAE
Front motor model	TZ180XS118	TZ180XS118
Rear motor model	TZ220XS001/TZ220XS066	TZ220XS001/TZ220XS066
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	330	330
Total motor horsepower (Ps)	449	449
Total torque of the motor (N·m)	620	620
Maximum power of front motor (kW)	130	130

Maximum torque of front motor (N·m)	220	220
Maximum power of rear motor (kW)	200	200
Maximum torque of rear motor (N·m)	400	400
System total power (kW)	330	330
System comprehensive power (Ps)	449	449
System comprehensive torque (N·m)	620	620
Number of drive motors	Dual motors	Dual motors
Motor layout	Front + rear	Front + rear

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

Battery Type	● Ternary lithium battery	● Ternary lithium battery
Battery cell brand	● CATL	● CATL
Battery-specific technology	Using flame retardant materials and thermal runaway protection technology	Using flame retardant materials and thermal runaway protection technology
Battery cooling method	Liquid Cooling	Liquid Cooling
WLTC pure electric range (km)	235	235
CLTC pure electric range (km)	280	280
WLTC comprehensive range (km)	1176	1176
CLTC comprehensive endurance (km)	1412	1412
Battery energy (kWh)	52.3	52.3
Power consumption per 100 kilometers (kWh/100km)	23.3	23.3

Fast charging function	support	support
Fast charging power (kW)	90	90
High voltage platform (V)	400	400
Battery fast charging time (hours)	0.42	0.42
Battery slow charging time (hours)	7.9	7.9
Battery fast charge capacity range (%)	20-80	20-80
Battery slow charging capacity range (%)	0-100	0-100
Charging pile price (yuan)	3699	3699
Slow charging port location	Right rear side of the car	Right rear side of the car
Fast charging port location	Right rear side of the car	Right rear side of the car
External AC discharge power (kW)	3.5	3.5
Minimum allowable value of external discharge (%)	20	20

gearbox (● Standard ○ Optional - N/A)

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

Chassis steering (● Standard ○ Optional - N/A)

Drive mode	● Dual-motor four-wheel drive	● Dual-motor four-wheel drive
Four-wheel drive	● Electric four-wheel drive	● Electric four-wheel drive

Front suspension type	● Double wishbone independent suspension	● Double wishbone independent suspension
Rear suspension type	● Five-link independent suspension	● Five-link independent suspension
Power type	● Electric power steering	● Electric power steering
Body structure	load-bearing	load-bearing

wheel brakes (● Standard ○ Optional - N/A)

Front brake type	● Ventilated disc	● Ventilated disc
Rear brake type	● Ventilated disc	● Ventilated disc
Parking brake type	● Electronic parking brake	● Electronic parking brake
Front tire specifications	● 265/45 R21	● 265/45 R21
Rear tire specifications	● 265/45 R21	● 265/45 R21
Spare tire specifications	-	-

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

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

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	● Tire pressure display
Seat belt unfastened reminder	● whole vehicle	● whole vehicle
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	●	●
Sentry Mode/Clairvoyance	●	●
Low speed warning	●	●
Built-in driving recorder	●	●
Roadside assistance call	●	●

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

Driving mode switch	● sports ● Standard/Comfort ● Off-road ● Snow	● sports ● Standard/Comfort ● Off-road ● Snow
Energy recovery system	●	●
Automatic parking	●	●
Hill-start assist	●	●

Steep slope descent	●	●
Variable suspension function	● Suspension soft and hard adjustment ● Suspension height adjustment	● Suspension soft and hard adjustment ● Suspension height adjustment
air suspension	●	●
Magic Carpet Intelligent Suspension	●	●

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

Front/rear parking radar	forward● / back●	forward● / back●
Driving assistance images	● 360-degree panoramic images ● Vehicle side blind spot image	● 360-degree panoramic images ● Vehicle side blind spot image
Transparent chassis/540-degree imaging	●	●
Assisted driving chip	● Horizon Journey 6M	● NVIDIA Drive Thor-U
Total chip computing power	● 128 TOPS	● 700 TOPS
Forward perception camera	● Binocular	● Binocular
Number of cameras	● 11	● 11
Front perception camera pixels	● 8 million	● 8 million
Environmental perception camera pixels	● 8 million ● 2 million	● 8 million ● 2 million
Surround view camera pixels	● 3 million	● 3 million
Number of cameras in the car	● 1	● 2
Number of ultrasonic radars	● 12	● 12
Number of millimeter-wave radars	● 1	● 1
LiDAR brand	● HESAI Hesai Technology	● HESAI Hesai Technology
LiDAR model	● ATL	● ATL

Number of lidars	● 1	● 1
LiDAR line count	● 116 lines	● 116 lines
LiDAR 10% reflectivity detection distance	● 200 meters	● 200 meters
Number of lidar point clouds	● 1.73 million/second	● 1.73 million/second
Maximum front detection distance	● 200 meters	● 200 meters

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

Cruise control system	● Full-speed adaptive cruise control	● Full-speed adaptive cruise control
Assisted driving system	● Ideal AD Pro	● Ideal AD Max
Driving assistance level	● L2	● L2
Reversing side warning system	●	●
Satellite navigation system	●	●
Navigation traffic information display	●	●
Map Brand	● Gaode	● Gaode
High-precision maps	●	-
High-precision positioning	●	●
Lane change assistance	●	●
Lane Keeping Assist System	●	●
Lane centering	●	●
Road traffic sign recognition	●	●
Assisted parking	●	●
Remote control parking	●	●
Memory Parking	●	●

Assisted lane change	●	●
Automatic exit (entry) of auxiliary ramp	●	●
Traffic light recognition	●	●
Remote Summon	●	●
Hands-off steering wheel detection	●	●
Start reminder	●	●
Assisted driving sections	● Expressway section	● Urban roads ● Expressway section

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

Rim material	● aluminum alloy	● aluminum alloy
Electric suction door	● whole vehicle	● whole vehicle
Electric trunk	●	●
Sensor trunk	●	●
Electric trunk position memory	●	●
Engine electronic immobilizer	●	●
Central locking system in the car	●	●
Key type	● remote control key ● Bluetooth key ● NFC/RFID keys	● remote control key ● Bluetooth key ● NFC/RFID keys
Keyless start system	●	●
Keyless entry function	● whole vehicle	● whole vehicle
Hidden electric door handles	●	●
Active closed grille	●	●
Remote start function	●	●

Side pedals	○ Electric (10,000 yuan)	● electric
Battery preheating	●	●
Discharge to the outside	●	●

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

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

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

Skylight Type	● Segmented non-openable skylight	● Segmented non-openable skylight
Front/rear electric windows	forward● / back●	forward● / back●
One-touch window lift function	● whole vehicle	● whole vehicle
Window anti-pinch function	●	●
Side window multi-layer soundproof glass	● front row ● back row	● front row ● back row
Rear side privacy glass	●	●

Car makeup mirror	● Main driving light + lighting ● Co-pilot + lighting	● Main driving light + lighting ● Co-pilot + lighting
rear wiper	●	●
Rain sensor wiper function	● Rain sensor	● Rain sensor

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

Central control color screen	● Touch LCD screen	● Touch LCD screen
Central control screen size	● 15.7 inches	● 15.7 inches
Central control screen type	● OLED	● OLED
Central control screen resolution	● 3K	● 3K
Central control screen pixel density	● 210PPI	● 210PPI
Passenger car entertainment screen size	● 15.7 inches	● 15.7 inches
Passenger screen type	● OLED	● OLED
Passenger car screen resolution	● 3K	● 3K
Passenger screen pixel density	● 210PPI	● 210PPI
Bluetooth/car phone	●	●
Mobile phone interconnection/mapping	-	-

Voice recognition control system	● Multimedia system ● navigation ● Telephone ● air conditioner ● car windows ● Heated seats ● Seat ventilation ● Seat massage	● Multimedia system ● navigation ● Telephone ● air conditioner ● car windows ● Heated seats ● Seat ventilation ● Seat massage
Voice assistant wake-up word	● Ideal classmates	● Ideal classmates
Voice wake-up word-free	●	●
Voice wake-up recognition by region	● Six regions	● Six regions
Continuous Speech Recognition	●	●
Seeing is telling	●	●
Gesture control	●	●
Voiceprint recognition	●	●
DeepSeek Application	● Connected	● Connected
App Store	●	●
Car computer smart chip	● Qualcomm Snapdragon 8295P	● Qualcomm Snapdragon 8295P
Rear LCD screen	●	●
Rear LCD screen size	● 21.4 inches	● 21.4 inches
Rear LCD screen type	● LCD	● LCD
Rear LCD screen resolution	● 3K	● 3K
Rear LCD screen pixel density	● 163PPI	● 163PPI
Number of rear multimedia screens	● 1	● 1
Rear multimedia control	●	●
Vehicle system memory (GB)	● 32	● 32

Vehicle system storage (GB)	● 128	● 128
Screen refresh rate [Hz]	● 60	● 60
Multi-finger flying screen control	●	●

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

Internet of Vehicles	●	●
4G/5G network	● 5G	● 5G
OTA upgrade	●	●
Wi-Fi hotspots	●	●
In-vehicle biological monitoring system	●	●
Mobile APP remote function	● Door control ● Window controls ● Vehicle start ● Charging Management ● Air conditioning control ● Heated steering wheel ● Heated seats ● Seat ventilation ● Vehicle condition inquiry/diagnosis ● Vehicle positioning/search ● Car owner services (find charging stations, gas stations, parking lots, etc.) ● Schedule maintenance/repair	● Door control ● Window controls ● Vehicle start ● Charging Management ● Air conditioning control ● Heated steering wheel ● Heated seats ● Seat ventilation ● Vehicle condition inquiry/diagnosis ● Vehicle positioning/search ● Car owner services (find charging stations, gas stations, parking lots, etc.) ● Schedule maintenance/repair
Car KTV	●	●

Steering wheel/interior rearview mirror (● Standard ○ Optional - N/A)

Steering wheel material	● Genuine Leather	● Genuine Leather
Steering wheel position adjustment	● Electric up and down + front and back adjustment	● Electric up and down + front and back adjustment

Gear shifting	● Electronic hand-shift	● Electronic hand-shift
Multi-function steering wheel	●	●
Heated steering wheel	●	●
Steering wheel memory	●	●
Trip computer display screen	● color	● color
Full LCD instrument panel	●	●
LCD instrument size	● 4.82 inches	● 4.82 inches
Instrument panel screen material	● MINI LED	● MINI LED
Dashboard screen resolution (px)	● 800x166	● 800x166
Instrument panel screen pixel density	● 170PPI	● 170PPI
HUD head-up digital display	●	●
HUD head-up size	● 13.35 inches	● 13.35 inches
Interior rearview mirror function	● Automatic anti-glare ● Streaming	● Automatic anti-glare ● Streaming

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

Multimedia/charging port	● Type-C	● Type-C
Number of USB/Type-C ports	● 2 seats in the front row / 6 seats in the back row	● 2 seats in the front row / 6 seats in the back row
USB/Type-C maximum charging power	● 67W	● 67W
220V/230V power supply	●	●
Mobile phone wireless charging function	● front row	● front row

Mobile phone wireless charging power	● 50W	● 50W
Luggage compartment 12V power socket	●	●

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

Seat material	● Genuine Leather	● Genuine Leather
Main seat adjustment method	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4 directions) ● Lumbar support (4-way) ● Seat cushion softness and hardness adjustment	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4 directions) ● Lumbar support (4-way) ● Seat cushion softness and hardness adjustment
Passenger seat adjustment method	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4 directions) ● Lumbar support (4-way)	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4 directions) ● Lumbar support (4-way)
Driver/passenger seat electric adjustment	host● / Vice●	host● / Vice●
Front seat functions	● heating ● ventilation ● massage	● heating ● ventilation ● massage
Electric seat memory function	● Driver's seat ● co-pilot seat	● Driver's seat ● co-pilot seat
Co-pilot rear seat adjustable buttons	●	●
Second row seat adjustment	● Front and rear adjustment ● Backrest adjustment ● Leg rest adjustment	● Front and rear adjustment ● Backrest adjustment ● Leg rest adjustment
Second row seats electrically adjustable	●	●
Second row seat functions	● heating ● ventilation ● massage	● heating ● ventilation ● massage

Rear small table	●	●
Zero Gravity Chair	● Second row (right side)	● Second row (right side)
Second row independent seats	●	●
Third row seat adjustment	● Backrest adjustment	● Backrest adjustment
Third row seats electrically adjustable	●	●
Third row seat functions	● heating	● heating
Seat layout	● 2-2-2	● 2-2-2
Rear seat folding	● Proportional down	● Proportional down
Electric folding rear seats	●	●
Front/rear center armrest	forward● / back●	forward● / back●
Rear cup holder	●	●

Audio/Interior Lighting (● Standard ○ Optional - N/A)

Speaker brand name	-	-
Number of speakers	● 21 speakers	● 21 speakers
Dolby Atmos	●	●
Touch-sensitive reading light	●	●
Interior ambient lighting	● 256 colors	● 256 colors

Air conditioning/refrigerator (● Standard ○ Optional - N/A)

Air conditioning temperature control method	● Automatic air conditioning	● 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	●	●
Car fragrance device	●	●
Air quality monitoring	●	●
Car refrigerator	●	●

Featured Configuration (● Standard ○ Optional - N/A)

LED advanced driver assistance lights	-	●
4D Seat	●	●
Queen's Seat	●	●

color (● Standard ○ Optional - N/A)

Appearance color	Silver metallic paint Gray metallic paint Black metallic paint Green Special Edition Pearl Paint ￥10000 Purple Special Edition Pearl Paint ￥10000 White pearl paint Elegant gray special edition cold light paint ￥10000	Silver metallic paint Gray metallic paint Black metallic paint Green Special Edition Pearl Paint ￥10000 Purple Special Edition Pearl Paint ￥10000 White pearl paint Elegant gray special edition cold light paint ￥10000
Interior color	black Black/white Black/Orange Black/Brown	black Black/white Black/Orange Black/Brown