

HILUCK Your Trusted Chinese EV Partner	AION LX 2022 Plus Thousand Mile Edition -	AION LX 2024 Plus Single Motor -	AION LX 2024 Plus Dual Motor -
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Basic parameters (● Standard ○ Optional - N/A)

Manufacturer	Aion	Aion	Aion
level	mid-size SUV	mid-size SUV	mid-size SUV
Energy type	Pure electric	Pure electric	Pure electric
Time to market	2022.01	-	-
NEDC pure electric range (km)	1008	-	-
Maximum power (kW)	180	180	360
Maximum torque (N·m)	350	350	700
Body structure	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV
Motor (Ps)	245	245	490
Length*Width*Height(mm)	4835*1935*1685	4835*1935*1685	4835*1935*1685
Official 0-100km/h acceleration (s)	7.9	-	-
Maximum speed (km/h)	170	170	180
Electric energy equivalent fuel consumption (L/100km)	1.79	-	-
Curb mass (kg)	2220	2070	2220
Maximum full load mass (kg)	2720	2560	2720

body (● Standard ○ Optional - N/A)

Length (mm)	4835	4835	4835
Width (mm)	1935	1935	1935
Height (mm)	1685	1685	1685
Wheelbase (mm)	2920	2920	2920
Front wheelbase (mm)	1650	1650	1650

Rear track (mm)	1660	1660	1660
Minimum ground clearance when fully loaded (mm)	150	150	150
Approach angle (°)	17	17	17
Departure angle (°)	twenty two	twenty two	twenty two
Maximum climbing grade (%)	30	30	30
Maximum climbing angle (°)	16.7	16.7	16.7
Minimum turning radius (m)	6	6	6
Body structure	SUV	SUV	SUV
Door opening method	swing door	swing door	swing door
Number of doors	● 5	● 5	● 5
Number of seats	● 5	● 5	● 5
Trunk volume (L)	410-1400	410-1400	410-1400
Drag coefficient (Cd)	-	-	-

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

former motor brand	-	Nidec Automotive Motor	Nidec Automotive Motor
Rear motor brand	-	-	Nidec Automotive Motor
Front motor model	-	TZ180XYA1203	TZ180XYA1203
Rear motor model	-	-	TZ180XYA1203
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	180	180	360
Total motor horsepower (Ps)	245	245	490
Total torque of the motor (N·m)	350	350	700
Maximum power of front motor (kW)	180	180	180
Maximum torque of front motor (N·m)	350	350	350

Maximum power of rear motor (kW)	-	-	180
Maximum torque of rear motor (N·m)	-	-	350
Number of drive motors	Single motor	Single motor	Dual motors
Motor layout	Pre	Pre	Front + rear

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

Battery Type	● Ternary lithium battery	● Ternary lithium battery	● Ternary lithium battery
Battery cell brand	● GAC Passenger Vehicle	● China New Aviation	● China New Aviation
Battery cooling method	Liquid Cooling	Liquid Cooling	Liquid Cooling
Battery swapping	Not supported	Not supported	Not supported
NEDC pure electric range (km)	1008	-	-
Battery energy (kWh)	144.4	-	-
Battery energy density (Wh/kg)	205	-	-
Power consumption per 100 kilometers (kWh/100km)	15.8	-	-
Fast charging function	support	support	support

gearbox (● Standard ○ Optional - N/A)

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

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

Drive mode	● Front-engine, front-wheel drive	● Front-engine, front-wheel drive	● Dual-motor four-wheel drive
Four-wheel drive	-	-	● Electric four-wheel drive
Front suspension type	● McPherson independent suspension	● McPherson independent suspension	● McPherson independent suspension

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

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

Front brake type	● Ventilated disc type	● Ventilated disc type	● Ventilated disc type
Rear brake type	● Disc	● Disc	● Disc
Parking brake type	● Electronic parking brake	● Electronic parking brake	● Electronic parking brake
Front tire specifications	● 245/50 R20	● 245/55 R19	● 245/50 R20
Rear tire specifications	● 245/50 R20	● 245/55 R19	● 245/50 R20
Spare tire specifications	● none	● none	● Non-full size

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	● whole vehicle	-	-
ISOFIX child seat interface	●	-	-
Lane Departure Warning System	-	-	-
Active braking/active safety systems	-	-	-
Fatigue driving tips	●	-	-
Rear Collision Warning	-	-	-
Sentry Mode/Clairvoyance	-	-	-
Low speed warning	●	-	-
Roadside assistance call	●	-	-

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

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

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

Front/rear parking radar	forward● / back●	-	-
Driving assistance images	● 360-degree panoramic images	-	-
Transparent chassis/540-degree imaging	-	-	-
Number of cameras	● 4	-	-
Number of ultrasonic radars	● 12	-	-
Number of millimeter-wave radars	-	-	-

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

Cruise control system	● Cruise control	-	-
Assisted driving system	-	-	-
Driving assistance level	-	-	-
Reversing side warning system	-	-	-
Satellite navigation system	●	-	-
Navigation traffic information display	●	-	-
Map Brand	● Baidu	-	-
AR real-scene navigation	●	-	-
High-precision maps	-	-	-
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	-	-	-

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

Rim material	● aluminum alloy	-	-
Electric trunk	●	-	-
Sensor trunk	●	-	-
Electric trunk position memory	●	-	-

Roof rack	●	-	-
Central locking system in the car	●	-	-
Key type	● remote control key ● Bluetooth key	-	-
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	● The panoramic sunroof cannot be opened	-	-
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	-	-
Rear side privacy glass	●	-	-
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	-	-	-
Voice recognition control system	● Multimedia system ● navigation ● Telephone ● air conditioner	-	-
Voice wake-up word-free	●	-	-
Voice wake-up recognition by region	● Dual Region	-	-
Continuous Speech Recognition	●	-	-
Facial Recognition	●	-	-

In-vehicle intelligent system	● ADiGO	-	-
Car computer smart chip	-	-	-

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

Internet of Vehicles	●	-	-
4G/5G network	● 4G	-	-
OTA upgrade	●	-	-
Wi-Fi hotspots	●	-	-
V2X communication	-	-	-
In-vehicle biological monitoring system	●	-	-
Mobile APP remote function	● Door control ● Vehicle start ● Charging Management ● Air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle positioning/search	-	-

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

Steering wheel material	● Genuine Leather	-	-
Steering wheel position adjustment	● Electric up and down + front and back adjustment	-	-
Gear shifting	● Electronic knob shift	-	-
Multi-function steering wheel	●	-	-
Heated steering wheel	-	-	-
Steering wheel memory	●	-	-
Trip computer display screen	● color	-	-
Full LCD instrument panel	●	-	-
LCD instrument size	● 12.3 inches	-	-

Interior rearview mirror function	Automatic anti-glare	-	-
ETC device	○	-	-

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

Multimedia/charging port	USB	-	-
Number of USB/Type-C ports	2 front seats/2 back seats	-	-
Mobile phone wireless charging function	front row	-	-

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

Seat material	Genuine Leather	-	-
Main seat adjustment method	- Front and rear adjustment - Backrest adjustment - Height adjustment (2-way) - Leg rest adjustment - Lumbar support (4-way)	-	-
Passenger seat adjustment method	- Front and rear adjustment - Backrest adjustment - Leg rest adjustment	-	-
Electric adjustment of driver's seat and passenger seat	host● / Vice●	-	-
Front seat functions	- heating - ventilation	-	-
Electric seat memory function	Driver's seat	-	-
Co-pilot rear seat adjustable buttons	●	-	-
Second row seat adjustment	- Backrest adjustment - Leg rest adjustment	-	-
Rear seat folding	Proportional down	-	-
Front/rear center armrest	forward● / back●	-	-

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

Speaker brand name	● ALPINE	-	-
Number of speakers	● 10 speakers	-	-
Touch-sensitive reading light	●	-	-
Interior ambient lighting	● 32 colors	-	-

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

Air conditioning temperature control method	● Automatic air conditioning	-	-
heat pump air conditioner	●	-	-
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	●	-	-

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

540° intelligent imaging (transparent chassis)	-	-	-
Remote control parking	-	-	-
AR Navigation	●	-	-

color (● Standard ○ Optional - N/A)

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Appearance color	Night Shadow Black Polar White Speed Silver Black/Polar White Holographic Silver Black/Holographic Silver Sky Gray Pulse Blue - -
Interior color	Morning Star White Truffle Brown Hyperdimensional space - -