

HILUCK Your Trusted Chinese EV Partner	AION Y 2025 Plus 610 Smart Edition -	AION Y 2025 Plus 430 Smart Edition -	AION Y 2025 Plus 510 Smart Edition -	AION Y 2025 Plus 510 Smart Edition -	AION Y 2025 Plus 510 Enjoy Edition 58.9kWh -	AION Y 2025 Plus 510 Enjoy Edition 58.4kWh -
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Basic parameters (● Standard ○ Optional - N/A)

Manufacturer	Aion	Aion	Aion	Aion	Aion	Aion
level	compact SUV	compact SUV	compact SUV	compact SUV	compact SUV	compact SUV
Energy type	Pure electric	Pure electric	Pure electric	Pure electric	Pure electric	Pure electric
Time to market	2025.06	2025.06	2025.06	2025.06	2024.12	2024.12
CLTC pure electric range (km)	610	430	510	510	510	510
Maximum power (kW)	150	100	100	100	100	100
Maximum torque (N·m)	225	176	176	176	176	176
Body structure	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV	5-door, 5-seater SUV
Motor (Ps)	204	136	136	136	136	136
Length*Width*Height(mm)	4535*1870*1650	4535*1870*1650	4535*1870*1650	4535*1870*1650	4535*1870*1650	4535*1870*1650
Official 0-100km/h acceleration (s)	-	-	-	-	-	-
Maximum speed (km/h)	150	150	150	150	150	150
Electric energy equivalent fuel consumption (L/100km)	1.46	1.5	1.5	1.5	1.5	1.5
Curb mass (kg)	1740	1590	1720	1720	1685	1685
Maximum full load mass (kg)	2260	2080	2180	2180	2180	2180

body (● Standard ○ Optional - N/A)

Length (mm)	4535	4535	4535	4535	4535	4535
Width (mm)	1870	1870	1870	1870	1870	1870
Height (mm)	1650	1650	1650	1650	1650	1650
Wheelbase (mm)	2750	2750	2750	2750	2750	2750
Front wheelbase (mm)	1600	1600	1600	1600	1600	1600
Rear wheelbase (mm)	1600	1600	1600	1600	1600	1600
Minimum ground clearance when fully loaded (mm)	150	150	150	150	150	150
Approach angle (°)	18	18	18	18	18	18
Departure angle (°)	27	27	27	27	27	27
Maximum climbing grade (%)	30	30	30	30	30	30
Maximum climbing angle (°)	16.7	16.7	16.7	16.7	16.7	16.7
Minimum turning radius (m)	5.5	5.5	5.5	5.5	5.5	5.5
Body structure	SUV	SUV	SUV	SUV	SUV	SUV
Door opening method	swing door	swing door	swing door	swing door	swing door	swing door
Number of doors	● 5	● 5	● 5	● 5	● 5	● 5
Number of seats	● 5	● 5	● 5	● 5	● 5	● 5
Trunk volume (L)	405	405	405	405	405	405
Drag coefficient (Cd)	-	-	-	-	-	-

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

former motor brand	Sharp Power	Suzhou Huichuan	Suzhou Huichuan	Suzhou Huichuan	-	-
Front motor model	TZ180XS127	TZ180XS130	TZ180XS130	TZ180XS130	TZ180XS130	TZ180XS130
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	150	100	100	100	100	100

Total motor horsepower (Ps)	204	136	136	136	136	136
Total torque of the motor (N·m)	225	176	176	176	176	176
Maximum power of front motor (kW)	150	100	100	100	100	100
Maximum torque of front motor (N·m)	225	176	176	176	176	176
Number of drive motors	Single motor	Single motor	Single motor	Single motor	Single motor	Single motor
Motor layout	Pre	Pre	Pre	Pre	Pre	Pre

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

Battery Type	● lithium iron phosphate battery	● lithium iron phosphate battery	● lithium iron phosphate battery	● lithium iron phosphate battery	● lithium iron phosphate battery	● lithium iron phosphate battery
Battery cell brand	● Times GAC	● EVE Energy ● Inpai Battery	● Inpai Battery ● Times GAC	● Inpai Battery ● Times GAC	-	-
Battery-specific technology	Magazine Battery	Magazine Battery	Magazine Battery	Magazine Battery	-	-
Battery cooling method	Liquid Cooling	Liquid Cooling	Liquid Cooling	Liquid Cooling	Liquid Cooling	Liquid Cooling
Battery swapping	-	-	-	-	Not supported	Not supported
CLTC pure electric range (km)	610	430	510	510	510	510
Battery energy (kWh)	68.2	49.75	58.4/58.9	58.4/58.9	58.9	58.4
Power consumption per 100 kilometers (kWh/100km)	12.6	12.9	12.9	12.9	12.9	12.9
Fast charging function	support	support	support	support	support	support
Slow charging port location	right front side of the car	right front side of the car	right front side of the car	right front side of the car	right front side of the car	right front side of the car
Fast charging port location	Left front side of the car	Left front side of the car	Left front side of the car	Left front side of the car	Left front side of the car	Left front side of the car

gearbox (● Standard ○ Optional - N/A)

Abbreviation	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission
Number of gears	1	1	1	1	1	1
Transmission type	Fixed gear ratio gearbox	Fixed gear ratio gearbox	Fixed gear ratio gearbox	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	● Front-engine, front-wheel drive	● Front-engine, front-wheel drive	● Front-engine, front-wheel drive	● Front-engine, front-wheel drive
Front suspension type	● McPherson independent suspension	● McPherson independent suspension	● McPherson independent suspension	● McPherson independent suspension	● McPherson independent suspension	● McPherson independent suspension
Rear suspension type	● Torsion beam non-independent suspension	● Torsion beam non-independent suspension	● Torsion beam non-independent suspension	● Torsion beam non-independent suspension	● Torsion beam non-independent suspension	● Torsion beam non-independent suspension
Power type	● Electric power steering	● Electric power steering	● Electric power steering	● Electric power steering	● Electric power steering	● Electric power steering
Body structure	load-bearing	load-bearing	load-bearing	load-bearing	load-bearing	load-bearing

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

Front brake type	● Ventilated disc	● Ventilated disc	● Ventilated disc	● Ventilated disc	● Ventilated disc	● Ventilated disc
Rear brake type	● Disc	● Disc	● Disc	● Disc	● Disc	● Disc
Parking brake type	● Electronic parking brake	● Electronic parking brake	● Electronic parking brake	● Electronic parking brake	● Electronic parking brake	● Electronic parking brake
Front tire specifications	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)
Rear tire specifications	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)	● 215/55 R17 ○ 215/50 R18 (2000 yuan) ○ 225/45 R19 (4500 yuan)
Spare tire specifications	○ Non-full size (1000 yuan)	○ Non-full size (1000 yuan)	○ Non-full size (1000 yuan)	○ Non-full size (1000 yuan)	○ Non-full size (1000 yuan)	○ Non-full size (1000 yuan)
Spare tire placement	-	-	-	-	○ In the trunk	○ In the trunk

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

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

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 alarm	● Tire pressure alarm	● Tire pressure alarm	● Tire pressure alarm	● Tire pressure alarm	● Tire pressure alarm
Seat belt unfastened reminder	● whole vehicle	● whole vehicle	● whole vehicle	● whole vehicle	● whole vehicle	● whole vehicle
ISOFIX child seat interface	●	●	●	●	●	●
Lane Departure Warning System	-	-	-	●	-	-
Active braking/active safety systems	-	-	-	●	-	-
Fatigue driving tips	-	-	-	-	-	-
Forward Collision Warning	-	-	-	●	-	-
Low speed warning	●	●	●	●	●	●

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

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

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

Front/rear parking radar	Front / Back●	Front / Back●	Front / Back●	Front / Back●	Front / Back●	Front / Back●
Driving assistance images	● Reversing image	● Reversing image	● Reversing image	● 360-degree panoramic images	● Reversing image	● Reversing image
Transparent chassis/540-degree imaging	-	-	-	●	-	-
Forward perception camera	-	-	-	● Monocular	-	-
Number of cameras	● 1	● 1	● 1	● 5	● 1	● 1
Number of ultrasonic radars	● 3	● 3	● 3	● 3	-	-

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

Cruise control system	● Cruise control	● Cruise control	● Cruise control	● Full-speed adaptive cruise control	● Cruise control	● Cruise control
Driving assistance level	-	-	-	● L2	-	-
Satellite navigation system	●	●	●	●	●	●
Navigation traffic information display	●	●	●	●	●	●
Map Brand	● Gaode	● Gaode	● Gaode	● Gaode	-	-
Lane change assistance	-	-	-	-	-	-

Lane Keeping Assist System	-	-	-	●	-	-
Assisted parking	-	-	-	-	-	-
Remote control parking	-	-	-	-	-	-

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

Rim material	● aluminum alloy	● steel ○ aluminum alloy	● aluminum alloy	● aluminum alloy	● aluminum alloy	● aluminum alloy
Electric trunk	-	-	-	-	-	-
Roof rack	●	●	●	●	●	●
Central locking system in the car	●	●	●	●	●	●
Key type	● remote control key	● remote control key	● remote control key	● remote control key	● remote control key	● remote control key
Keyless start system	●	●	●	●	●	●
Keyless entry function	● front row	● front row	● front row	● front row	● front row	● front row
Hidden electric door handles	-	-	-	●	●	●
Remote start function	●	●	●	●	●	●
Battery preheating	●	●	●	●	●	●
Discharge to the outside	●	○ (1000 yuan)	●	●	○ (1000 yuan)	○ (1000 yuan)

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

Low beam light source	● led	● led	● led	● led	● led	● led
High beam light source	● led	● led	● led	● led	● led	● 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	-	-	-	-	-	-
Front/rear electric windows	forward● / back●	forward● / back●	forward● / back●	forward● / back●	forward● / back●	forward● / back●
One-touch window lift function	● whole vehicle	● whole vehicle	● whole vehicle	● whole vehicle	● whole vehicle	● whole vehicle
Window anti-pinch function	●	●	●	●	●	●
Car makeup mirror	-	-	-	-	-	-
rear wiper	-	-	-	-	-	-
Rain sensor wiper function	● Rain sensor	● Rain sensor	● Rain sensor	● Rain sensor	● Rain sensor	● Rain sensor

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

Exterior rearview mirror function	● Electric adjustment	● Electric adjustment	● Electric adjustment	● Electric adjustment ● Electric folding ● Heated rearview mirrors ● Automatic folding when the car is locked	● Electric adjustment	● Electric adjustment
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Screen/System (● Standard ○ Optional - N/A)

Central control color screen	● Touch LCD screen	● Touch LCD screen	● Touch LCD screen	● Touch LCD screen	● Touch LCD screen	● Touch LCD screen
Central control screen size	● 14.6 inches	● 14.6 inches	● 14.6 inches	● 14.6 inches	● 14.6 inches	● 14.6 inches
Bluetooth/car phone	●	●	●	●	●	●
Mobile phone interconnection/mapping	● Support HUAWEI HiCar ● Support Carlink	● Support HUAWEI HiCar ● Support Carlink	● Support HUAWEI HiCar ● Support Carlink	● Support HUAWEI HiCar ● Support Carlink	-	-

All-scenario one-button remote parking	-	-	-	-	-	-
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