

AION S 2023 Hyun 530	
48.67kWh lithium iron phosphate	
<b>Basic parameters</b>	
Manufacturers	Aion
level	Compact car
Type of energy	Electric
Availability	2023.09
NEDC electric range (km)	420
Maximum power (kW)	100
Maximum torque(N·m)	225
Body structure	A 4-door, 5-seater sedan
Electric Motor(Ps)	136
Length*Width*Height(mm)	4805*1880*1545
Official 0-100km/h acceleration (s)	-
Maximum speed(km/h)	130
Fuel consumption of electric energy equivalent (L/100km)	-
Curb weight (kg)	-
Maximum load weight (kg)	-
<b>bodywork</b>	
Length (mm)	4805
Width (mm)	1880
Height (mm)	1545
Wheelbase (mm)	2750
Front track(mm)	1600
Rear track(mm)	1602
Angle of approach (°)	13
Departure angle (°)	14
Maximum Gradeability (%)	30
Maximum Climbing Angle (°)	16.7
Minimum turning radius (m)	5.56
Body structure	Sedans
How the doors open	Swing doors
Number of doors	● 4
Number of seats	● 5
Trunk volume (L)	453
Wind Resistance Coefficient (Cd)	-
<b>motor</b>	
Motor type	Permanent magnet/synchronous
Total motor power (kW)	100
Total motor horsepower (Ps)	136
Total torque of electric motor(N·m)	225
Maximum power of front motor (kW)	100
Front motor maximum torque (N·)	225
Number of drive motors	Single motor
Motor layout	Front-loaded
Battery type	● Lithium iron phosphate battery
Cell brand	-
Battery cooling method	-
Swap the battery	-
NEDC electric range (km)	420
Battery Energy (kWh)	48.67
Power consumption per 100 km (kWh/100km)	12
The location of the slow charging interface	The right rear side of the car
The location of the fast charging interface	The rear left side of the car
<b>Gearbox</b>	
abbreviation	Single-speed gearbox for electric vehicles
Number of gears	1
Gearbox type	Fixed gearbox
<b>Chassis steering</b>	
Drive mode	● Pre-precursor
Front suspension type	● MacPherson independent suspension
Rear suspension type	● Torsion beam type non-independent suspension
Assist type	● Electric power assist
Body structure	Load-bearing
<b>Wheel braking</b>	
Front brake type	● Ventilated disc type
Rear brake type	● Disc
Type of parking brake	● Electronic parking
Front tire specifications	● 215/55 R17
Rear tire specifications	● 215/55 R17
Spare tire specifications	● not
<b>Passive</b> Standard and optional:	
Main/passenger airbags	Major/Vice ● ●
Front/rear side airbags	-
Front/rear head airbags (air curtains)	-
<b>Active</b> Standard and optional:	
ABS anti-lock braking	●
Braking force distribution (EBD/CBC, etc.)	●
Brake assist (EBA/BAS/BA, etc.)	●
Traction control (ASR/TCS/TRC, etc.)	●
Body stability control (ESC/ESP/DSC, etc.)	●
Tire pressure monitoring function	● Tire pressure display
Seat belt unfastened reminder	● front row
ISOFIX child seat connector	●
Lane Departure Warning System	-
Active braking/active safety system	-
Drowsy driving tips	-
Low-speed driving warning	●
Roadside assistance calls	-
<b>Driving</b> Standard and optional:	
Driving mode switching	● economy
Energy recovery system	●
Automatic parking	●
Uphill assist	●
Steep slope descent	-
<b>Driving</b> Standard and optional:	
Front/rear parking radar	Front-/ After ●
Driver assistance images	-
Number of cameras	-
Number of ultrasonic radars	● 3 pcs
<b>Driving</b> Standard and optional:	
Cruise system	● Cruise control
Satellite navigation system	-
Navigation traffic information display	-
Parallel Assist	-
Lane Keeping Assist	-
<b>Appearance/anti-</b> Standard and optional:	
Rim material	● Aluminum alloy
Electric trunk	-
Central locking in the car	●
Key type	● Remote key fob
Keyless start system	●
Keyless entry function	-
<b>Exterior</b> Standard and optional:	
Low beam light source	● halogen
High beam light source	● halogen
LED daytime running lights	-
Adaptive high and low beams	-
Automatic headlights	-
Front fog lights	-
The headlights are height-adjustable	●
The headlights are turned off for a delayed time	●
<b>Sunroof/glass</b> Standard and optional:	
Sunroof type	-
Front/rear power windows	Before/after ● ●
One-key window lifting function	● Driver's seat
Anti-pinch function on the windows	●
Make-up mirror in the car	-
rear wipers	-
Induction wiper function	-
<b>Exterior</b> Standard and optional:	
Exterior mirror function	● Electrically adjustable
<b>Screen/System</b> Standard and optional:	
Color screen in the center control	● Touch LCD screen
The size of the central control screen	● 8 inches
Bluetooth/car phone	●
Mobile phone connectivity/mapping	● Factory interconnect/mapping
Speech recognition control system	-
<b>Intelligent</b> Standard and optional:	
Internet of Vehicles	Optional: None
OTA upgrades	●
Mobile APP remote function	-
<b>Steering</b> Standard and optional:	
Steering wheel material	Optional: None ● plastics
Steering wheel position adjustment	● Manually adjust up and down
Gear shift form	● Electronic knob shifting
Multi-function steering wheel	●
Steering wheel shifts	-
The steering wheel is heated	-
Steering wheel memory	-
Trip computer display screen	● colored
Full LCD instrument cluster	-
LCD meter size	● 3.5 inches
Interior mirror function	● Manual anti-glare
<b>Charging in the</b> Standard and optional:	
Multimedia/charging interface	Optional: None ● USB
Number of USB/Type-C ports	● 2 in the front / 2 in the back
Wireless charging function for mobile phones	-
<b>Seat</b> Standard and optional:	
Seat material	● Imitation leather
Main seat adjustment	● Adjust back and forth ● Backrest adjustment ● Height adjustment (2-way)
Auxiliary seat adjustment method	● Adjust back and forth ● Backrest adjustment
Electrically adjustable main/passenger seats	-
Front seat features	-
Power seat memory function	-
Rear adjustable button for the front passenger seat	-
Second-row seat adjustment	-
The rear seats are reclined in form	● Proportions down
Front/rear center armrest	Before / After- ●
Rear cup holders	-
<b>Audio/interior</b> Standard and optional:	
The brand name of the speaker	Optional: None
Number of speakers	● 4 horns
Ambient lighting in the car	-
<b>Air</b> Standard and optional:	
Air conditioner temperature control mode	Optional: None ● Automatic air conditioning
Individual air conditioning in the rear	-
Rear seat air outlets	●
Temperature zoning control	●
Car air purifiers	-
PM2.5 filter device in the car	●
<b>color</b>	
Exterior color	■ Nightshade is dark □ Polar white ■ Swift Silver
Interior color	■ black
<b>Optional</b> Standard and optional:	
spare wheel	-
Rear seat air outlets	●
Temperature zoning control	●
Car air purifiers	-
PM2.5 filter device in the car	●
<b>color</b>	
Exterior color	■ Nightshade is dark □ Polar white ■ Swift Silver
Interior color	■ black
<b>Optional</b> Standard and optional:	
spare wheel	-