

Vehicle Detail Report

AION Y 2022 PLUS 70 Science and Technology Edition

Basic Information

Brand	AION
Mileage	13,000 km
Color	Silver-gray
First Registration	2023-12-01
Transfer Count	0

Vehicle Images





Vehicle Condition

1. Inner side of left B-pillar, Non-accident-related deformation. 2. Right front fender frame, Deformation.

Configuration Information

Model Information

Model Name	AION Y 2022 Plus 70 Science and Technology Edition
Launch Date	2022.09

Basic parameters

Vehicle Class	Compact SUV
Energy Type	Battery Electric Vehicle (BEV)
Maximum Power (kW)	150
Maximum Torque (N·m)	225
Body Type	SUV
Dimensions (L×W×H) (mm)	4535*1870*1650
Official 0-100 km/h Acceleration (s)	-
Top Speed (km/h)	150
Curb Weight (kg)	1750
Maximum Gross Weight (kg)	2160
Electric Motor (PS)	204
Electricity Consumption in Fuel Equivalent (L/100km)	1.56

Basic parameters (continued)

CLTC Electric Range (km)	510
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Electric Motor

Motor Type	Permanent magnet/synchronous
Total Electric Motor Power (kW)	150
Total Electric Motor Torque (N·m)	225
Front Electric Motor Max Power (kW)	150
Front Electric Motor Max Torque (N·m)	225
Number of drive motors	Single motor
Motor Layout	Front-end
Battery Type	Lithium iron phosphate battery
Battery Capacity (kWh)	63.983
Total Electric Motor Power (PS)	204
Battery Cell Brand	Times GAC
Battery Cooling System	Liquid cooling
Battery energy density (Wh/kg)	143
Power consumption per 100 kilometers (kWh/100km)	13.8
Fast charging function	Support

Screen/System

Central control color screen	<ul style="list-style-type: none">• Touch LCD screen
Infotainment Screen Size	<ul style="list-style-type: none">• 14.6 inches
Bluetooth/In-car Phone	<ul style="list-style-type: none">•
Voice recognition control system	<ul style="list-style-type: none">• Multimedia system;• Navigation;• Telephone;• Air conditioning, ○ Sunroof
In-vehicle intelligent system	<ul style="list-style-type: none">• ADiGO
Facial Recognition	<ul style="list-style-type: none">•

Body

Length (mm)	4535
Width (mm)	1870

Body (continued)

Height (mm)	1650
Wheelbase (mm)	2750
Front Track (mm)	1600
Rear Track (mm)	1600
Ground Clearance (Fully Loaded) (mm)	150
Door Opening Type	swing door
Number of Doors	5
Number of Seats	5
Trunk volume (L)	-
Drag Coefficient (Cd)	-
Approach Angle (°)	18
Departure Angle (°)	27
Minimum Turning Radius (m)	5.5
Maximum climbing grade (%)	30
Maximum climbing angle (°)	16.7

Gearbox

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

Chassis steering

Drive Type	Front-engine, Front-wheel drive (FF)
Front Suspension Type	MacPherson independent suspension
Rear Suspension Type	Torsion beam non-independent suspension
Power Steering Type	Electric power assistance
Vehicle structure	bearing type

Seat Configuration

Seat Material	<ul style="list-style-type: none">• Imitation leather
Main seat adjustment	<ul style="list-style-type: none">• Front and rear adjustment;• Backrest adjustment;• Height adjustment (2-way)

Seat Configuration (continued)

Co-seat adjustment method	<ul style="list-style-type: none">• Front and rear adjustment; • Backrest adjustment
Electric adjustment of driver's seat and passenger seat	Main •/Subordinate ○
Front seat functions	<ul style="list-style-type: none">• Heating (driving only); • Ventilation (driving only)
Electric seat memory function	<ul style="list-style-type: none">• Driving position
Front passenger seat rear adjustable buttons	-
Rear seat folding	<ul style="list-style-type: none">• Proportional down
Front/rear center armrest	Front •/Rear •
Rear cup holder	<ul style="list-style-type: none">•

Active safety

Anti-lock Braking System (ABS)	<ul style="list-style-type: none">•
Electronic Brakeforce Distribution (EBD/CBC)	<ul style="list-style-type: none">•
Brake Assist System (EBA/BAS/BA)	<ul style="list-style-type: none">•
Traction Control System (ASR/TCS/TRC)	<ul style="list-style-type: none">•
Electronic Stability Control (ESC/ESP/DSC)	<ul style="list-style-type: none">•
Tire Pressure Monitoring System (TPMS)	<ul style="list-style-type: none">• Tire pressure alarm
Seat Belt Reminder	<ul style="list-style-type: none">• Full car
ISOFIX Child Seat Anchors	<ul style="list-style-type: none">•
Lane Departure Warning System (LDWS)	<ul style="list-style-type: none">•
Autonomous Emergency Braking (AEB)	<ul style="list-style-type: none">•
Driver Fatigue Detection	<ul style="list-style-type: none">•
Forward Collision Warning (FCW)	<ul style="list-style-type: none">•
Low Speed Alert	<ul style="list-style-type: none">•

Air conditioning/refrigerator

Air conditioning temperature control method	<ul style="list-style-type: none">• Automatic air conditioning
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Air conditioning/refrigerator (continued)

Rear Independent Climate Control	-
Rear seat air vents	•
Temperature zone control	-
Car air purifier	-
In-cabin PM2.5 Filter	•

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	Disc
Parking brake type	Electronic Parking
Front Tire Size	215/50 R18
Rear Tire Size	215/50 R18
Spare Tire Size	None

Audio/Interior Lighting

Number of speakers	• 6 speakers
Interior ambient lighting	• 32 colors

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
Remote Parking	○
Driver assistance systems	•ADiGO
Parking Assist	○

Exterior lighting

Low beam light source	•LED
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Exterior lighting (continued)

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

Exterior mirrors

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

Rim material	• Aluminum alloy
Electric trunk	○
Central locking system in the car	•
Key Type	• Remote key; • Bluetooth key
Keyless start system	•
Keyless entry function	• Front row
Electric trunk position memory	○
Roof rack	•
Remote start function	•
Battery preheating	•
Hidden electric door handle	•
Discharge to the outside	○

Skylight/Glass

Sunroof Type	○ Panoramic sunroof available, • Panoramic sunroof cannot be opened
Front/rear electric windows	Front •/Rear •
One-touch window lifting function	• Full car
Window anti-pinch function	•

Skylight/Glass (continued)

Car makeup mirror	<ul style="list-style-type: none">• Main driver's lamp; • co-pilot's lamp
Rear wiper	-
Rain sensor wiper function	<ul style="list-style-type: none">• Rainfall-sensing

Interior and exterior color

Exterior Color	Ice rose powder:#C6A7A9; Speed silver:#AAAAAA; Magic purple:#DCB4DC; Small apricot:#E4DB96, Black, Polar, White:#000000/#FFFFFF, Black, Small indeed apricot:#000000/#E4DB96, Black, Star diffuse green:#000000/#C8E6C8; Suya gray:#BEBEBE; Sky blue:#5AF0F0; Star diffuse green:#C8E6C8; Night shadow, Black:#000000, Pearl, White:#FFFFFF, Free Grey:#969696
Interior Color	Black/Gray (number one player), #000000/#888888; On soy sauce:#BEBFDD; Black/pink (Dream World), #000000/#FFE3DF, Black, Zero banana green:#000000/#8B9B90; black/pink (fresh vitality), #000000/#DDCBE1; Black/Blue (Fresh Macarons), #000000/#5AF0F0

Steering wheel/interior mirror

Steering Wheel Material	<ul style="list-style-type: none">• Cortex
Steering wheel position adjustment	<ul style="list-style-type: none">• Manual up and down adjustment
Multi-function steering wheel	<ul style="list-style-type: none">•
Heated Steering Wheel	-
Steering wheel memory	-
Trip computer display screen	<ul style="list-style-type: none">• Color
Full LCD instrument panel	<ul style="list-style-type: none">•
LCD instrument size	<ul style="list-style-type: none">• 10.25 inches
Interior rearview mirror function	<ul style="list-style-type: none">• Automatic anti-glare
Gear shifting	<ul style="list-style-type: none">• Electronic gear shift
ETC Device	○

Intelligent configuration

Intelligent configuration (continued)

Connected Car Services	<ul style="list-style-type: none">•
OTA Updates	<ul style="list-style-type: none">•
4G/5G Network	<ul style="list-style-type: none">•4G
Mobile APP remote function	<ul style="list-style-type: none">• Door control;• Vehicle start;• Charging management;• Air conditioning control;• Vehicle condition inquiry/diagnosis;• Vehicle location/vehicle search

Driving Control

Driving mode switch	<ul style="list-style-type: none">• Sport;• Economy;• Standard/Comfort
Automatic parking	<ul style="list-style-type: none">•
Hill start assist	<ul style="list-style-type: none">•
Energy recovery system	<ul style="list-style-type: none">•

Driving Hardware

Front/rear parking radar	Front ○/Rear •
Driving Assistance Camera System	<ul style="list-style-type: none">• 360-degree panoramic image
Transparent chassis/540-degree imaging	<ul style="list-style-type: none">•

In-car charging

Multimedia/charging port	<ul style="list-style-type: none">•USB
Number of USB/Type-C ports	<ul style="list-style-type: none">• 1 front row/1 back row
Mobile phone wireless charging function	<ul style="list-style-type: none">• Front row

Optional Package

Optional Package	Comfortable Suit (1 yuan; including: electric tailgate, electric 4-way adjustment of the passenger seat), Comfortable Suit (3000 yuan; Including: electric tailgate, electric 4-way adjustment of passenger seat)
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"●" = Standard equipment

"□" = Not available

"○" = Optional equipment.

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