

EBU AUTO

2025 AION UT 420 km Smart Enjoyment Edition

Single-trim PDF specification booklet

Guide Price	USD 11,971 / RMB 83,800
CLTC Range	420 km
Battery	44.089 kWh
Motor Power	100 kW
Drive	Front-motor FWD
Dimensions	4270x1850x1575

Basic Information

Official Guide Price	RMB 83,800
Manufacturer	GAC AION New Energy
Class	Small Car
Energy Type	Pure Electric
Launch Time	2025.02
Motor Description	Pure Electric 136 Ps
MIIT Pure Electric Range (km)	420
CLTC Pure Electric Range (km)	420
Charging Time	Fast Charge 24 min
Fast Charging Window (%)	30-80
Maximum Power (kW)	100(136Ps)
Maximum Torque (N·m)	145
Transmission Description	Single-speed EV Transmission
Length x Width x Height (mm)	4270x1850x1575
Body Structure	5-door 5-seat Hatchback
Top Speed (km/h)	150
Official 0-50 km/h Acceleration (s)	4.1
Official 0-100 km/h Acceleration (s)	-
Energy Consumption (kWh/100km)	11.4
Equivalent Fuel Consumption (L/100km)	1.32
Vehicle Warranty	4 years or 150,000 km
Estimated Maintenance Cost over 60,000 km	RMB 324.0

Body

Length (mm)	4270
Width (mm)	1850
Height (mm)	1575
Wheelbase (mm)	2750
Front Track (mm)	1600
Rear Track (mm)	1600
Minimum Ground Clearance (mm)	130
Body Structure	Hatchback
Number of Doors	5
Door Opening Type	Conventional Doors
Seats	5
Curb Weight (kg)	1540
Gross Weight (kg)	2000
Cargo Volume (L)	440
Minimum Turning Radius (m)	-

Electric Motor

Motor Description	Pure Electric 136 Ps
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Motor Type	Permanent Magnet / Synchronous
Total Motor Power (kW)	100
Total Motor Horsepower (Ps)	136
Total Motor Torque (N·m)	145
Front Motor Max Power (kW)	100
Front Motor Max Torque (N·m)	145
Drive Motor Count	Single Motor
Motor Layout	Front-mounted

Battery / Charging

Battery Type	LFP Battery
Battery Special Technology	Magazine Battery
Cell Brand	Inpài Battery / Farasis Energy
Battery Warranty	Lifetime Warranty for the First Owner (subject to official terms)
Battery Capacity (kWh)	44.089
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	-
Battery Charging (Summary)	Fast Charge 24 min; ● Fast Charging Port
Battery Charging - Charging Time	Fast Charge 24 min
Battery Charging - Fast Charging Port	● Fast Charging Port
Fast Charging Port Position (Summary)	Right Front Fender
Fast Charging Port Position - Right Front Fender	Right Front Fender
Slow Charging Port Position (Summary)	Right Front Fender
Slow Charging Port Position - Right Front Fender	Right Front Fender
Battery Heating System	● Standard
Battery Cooling System	Liquid Cooling
One-pedal Mode	-
VTOL Mobile Power Station	● Standard
VTOL Maximum External Discharge Power	3.3kW
VTOV Maximum External Discharge Power	-

Transmission

Transmission Description	Single-speed EV Transmission
Number of Gears	1
Transmission Type	Fixed-ratio Transmission

Chassis / Steering

Drive Type	Front-motor FWD
Front Suspension	MacPherson Independent Suspension
Rear Suspension	Trailing-arm Torsion-beam Non-independent Suspension
Steering Type	Electric Power Steering
Vehicle Body Structure	Unibody

Wheels / Brakes

Front Brake Type	Ventilated Disc
Rear Brake Type	Solid Disc
Parking Brake Type	Electronic Parking Brake
Front Tire Size	215/60 R16
Rear Tire Size	215/60 R16
Spare Tire Specification	-
Active Safety	-
ABS	● Standard
Brake-force Distribution (EBD/CBC)	● Standard
Brake Assist (EBA/BA)	● Standard

Traction Control (TCS/ASR)	● Standard
Body Stability System (ESP/DSC)	● Standard
Active Safety Warning System	-
Active Safety Warning System - Lane Departure Warning	-
Active Safety Warning System - Forward Collision Warning	-
Automatic Emergency Braking	-
Blind Spot Assist	-
Lane Keeping Assist	-
Lane Centering Assist	-
Driver Fatigue Warning	-
Active DMS Fatigue Detection	-
Cabin Vital-sign Detection	-
Traffic Sign Recognition	-
Traffic Light Recognition	-
Night Vision System	-
Passive Safety	-
Front Airbags (Summary)	● Driver; ● Front Passenger
Front Airbags - Driver	● Driver
Front Airbags - Front Passenger	● Front Passenger
Side Airbags (Summary)	-
Side Airbags - Front Row	-
Side Curtain Airbags	-
Front Knee Airbags	-
Center Airbag	-
Seat Belt Reminder	● Standard
TPMS	Tire Pressure Warning
ISOFIX	● Standard
Passive Pedestrian Protection	-
Run-flat Tire	-
Driver Assistance / Control	-
Parking Radar (Summary)	● Rear
Parking Radar - Rear	● Rear
Front Vehicle Departure Reminder	-
Driving Assistance Camera (Summary)	● Reverse Camera
Driving Assistance Camera - Reverse Camera	● Reverse Camera
Driving Assistance Camera - 360° Panoramic Camera	-
Driving Assistance Camera - Transparent Chassis View	-
Cruise System (Summary)	● Cruise Control
Cruise System - Option	● Cruise Control
Cruise System - Adaptive Cruise Control	-
Cruise System - Full-speed Adaptive Cruise Control	-
Automatic Lane Change Assist	-
Automatic Ramp Exit / Entry	-
Navigation Assisted Driving	-
ADAS Level	-
Automatic Parking	-
Reverse Path Tracking	-
Memory Parking	-
Auto Hold	● Standard
Hill Start Assist (HAC)	● Standard
Hill Descent Control (HDC)	-
Variable Suspension	-

Air Suspension	-
Air Suspension Type	-
Electromagnetic Suspension	-
Variable Steering Ratio	-
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	-
Center Differential Lock	-
Active Rear Steering	-
Drive Mode Selection (Summary)	● Sport; ● ECO; ● Standard / Comfort
Drive Mode Selection - Sport	● Sport
Drive Mode Selection - ECO	● ECO
Drive Mode Selection - Standard / Comfort	● Standard / Comfort
Brake Energy Recovery	● Standard
Comfortable Braking	● Standard
Low-speed Warning Sound	● Standard
Exterior Features	-
Sunroof Type	-
Panoramic Roof Sunshade	-
Smart Dimming Roof	-
Roof Rack	-
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	-
Alloy Wheels	○ Optional
Frameless Doors	-
Hidden Door Handles	-
Tow Hook	-
Interior Features	-
Steering Wheel Material (Summary)	● Plastic
Steering Wheel Material - Plastic	● Plastic
Steering Wheel Material - Option	-
Steering Wheel Adjustment	Up / Down
Power Steering Wheel Adjustment	-
Steering Wheel Functions (Summary)	● Multi-function Control
Steering Wheel Functions - Multi-function Control	● Multi-function Control
Gear Selector Type (Summary)	● Electronic Column Shifter
Gear Selector Type - Option	● Electronic Column Shifter
LCD Cluster Style	Full LCD
LCD Cluster Size (in) (Summary)	● 8.88
LCD Instrument Cluster Size - 8.8 in	-
LCD Cluster Size (in) - 8.88	● 8.88
Comfort / Security	-
Soft-close Doors	-
Power Tailgate	-
Hands-free Tailgate	-
Tailgate Position Memory	-
Central Locking	● Standard
Remote Key Type (Summary)	● Smart Remote Key
Remote Key Type - Conventional Remote Key	-
Remote Key Type - Smart Remote Key	● Smart Remote Key
Remote Key Type - Bluetooth Key	-
Keyless Entry	● Driver
Keyless Start	● Standard
Remote Start	● Standard

Remote Vehicle Move	-
Vehicle Summon	-
Head-up Display (HUD)	-
Built-in Driving Recorder	-
Factory ETC	<input type="radio"/> Optional
Active Noise Cancellation	-
Wireless Phone Charging	-
AC Power Outlet	-
Cargo 12V Power Outlet	-
Seat Features	-
Seat Material	Leatherette
Sport Seats	-
Second-row Independent Seats	-
Power Seat Adjustment (Summary)	-
Power Seat Adjustment - Driver	-
Seat Power Adjustment - Front Passenger	-
Sunken Rear Seat Folding	-
Driver Seat Main Adjustments (Summary)	● Forward / Backward Adjustment; ● Backrest Angle; ● Height Adjustment
Driver Seat Main Adjustments - Fore / Aft	● Forward / Backward Adjustment
Driver Seat Main Adjustments - Backrest Angle	● Backrest Angle
Driver Seat Main Adjustments - Height Adjustment	● Height Adjustment
Driver Seat Fine Adjustments (Summary)	● Headrest
Driver Seat Fine Adjustments - Headrest	● Headrest
Front Passenger Seat Main Adjustments (Summary)	● Forward / Backward Adjustment; ● Backrest Angle
Front Passenger Seat Main Adjustments - Fore / Aft	● Forward / Backward Adjustment
Front Passenger Seat Main Adjustments - Backrest Angle	● Backrest Angle
Front Passenger Seat Fine Adjustments (Summary)	● Headrest
Front Passenger Seat Fine Adjustments - Headrest	● Headrest
Second-row Seat Main Adjustments (Summary)	● Backrest Angle Adjustment
Second-row Seat Main Adjustments - Option	● Backrest Angle Adjustment
Second-row Seat Fine Adjustments	-
Front Seat Functions	-
Front Seat Functions - Driver Seat Heating	-
Second-row Seat Functions	-
Boss Key	-
Front / Rear Armrests (Summary)	● Front Row
Front / Rear Armrests - Front Row	● Front Row
Rear Cup Holder	-
Heated / Cooled Cup Holder	-
Front Seats Flattened	● Standard
Rear Seat Folding Ratio	40:60
Second-row Tray Table	-
Smart Connectivity	-
Center Screen Size (in)	14.6
Center Screen Material	-
Satellite Navigation	● Standard
AR Navigation	-

Navigation Traffic Display	● Standard
MAP Brand (Summary)	● Amap
Map Brand - Amap	● Amap
Roadside Assistance	● Standard
Bluetooth / Car Phone	● Standard
Phone Mirroring (Summary)	● CarPlay; ● HUAWEI HiCar; ● Carlink
Phone Mirroring - CarPlay	● CarPlay
Phone Mirroring - HUAWEI HiCar	● HUAWEI HiCar
Phone Mirroring - Carlink	● Carlink
Connected Car	● Standard
Mobile Network (Summary)	● 4G
Mobile Network - 4G	● 4G
OTA Upgrade	● Standard
Face Recognition	-
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition Control	● Standard
Wake-word-free Voice Control	● Standard
Voice Wake-up by Zone (Summary)	● Dual-zone
Voice Wake-up by Zone - Dual-zone	● Dual-zone
Voice Wake-up by Zone - Four Zones	-
Continuous Voice Recognition	● Standard
Visible-to-speak Control	● Standard
Voice Assistant Wake-up Phrase	Hello Baby
Gesture Control	-
Wi-Fi Hotspot	● Standard
Audio / Entertainment	-
Multi-finger Screen Control	-
App Store	● Standard
Media Interface (Summary)	● USB/Type-C
Media Interface - USB/Type-C	● USB/Type-C
USB/Type-C Port Count (Summary)	● 2 Front Ports
USB/Type-C Port Count - 2 Front	● 2 Front Ports
USB/Type-C Port Count - 1 Rear	-
USB/Type-C Max Charging Power	-
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	-
Audio Brand	-
Number of Speakers	4
Rear Multimedia Controls	-
Lighting	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	○ Optional
Adaptive High / Low Beam	-
Automatic Headlights	● Standard
Cornering Lights	-
Front Fog Lights	-
Adaptive Front-lighting System (AFS)	-
Headlight Height Adjustment	● Standard
Headlight Washers	-
Ambient Lighting	-
Active Ambient Lighting	-
Special Lighting Functions	-

Lighting Projection Technology	-
Headlight Delay-off	● Standard
Headlamp Rain / Fog Mode	-
Glass / Mirrors	-
Power Windows (Summary)	● Front Row; ● Rear Row
Power Windows - Front Row	● Front Row
Power Windows - Option	● Rear Row
One-touch Windows	● Front Row
Anti-pinch Windows	● Standard
Exterior Mirror Functions (Summary)	● Power Adjustment; ● Heating
Exterior Mirror Functions - Option	● Power Adjustment
Exterior Mirror Functions - Heating	● Heating
Exterior Mirror Functions - Power Folding	-
Exterior Mirror Functions - Auto Fold on Lock	-
Interior Mirror Functions	-
Vanity Mirror (Summary)	● Driver + Illuminated; ● Front Passenger + Illuminated
Vanity Mirror - Option	● Driver + Illuminated
Vanity Mirror - Option	● Front Passenger + Illuminated
Rear Privacy Glass	-
Interior Sunshade	-
Rain-sensing Wipers	○ Optional
Rear Wiper	-
Multi-layer Acoustic Glass	-
Heated Windshield	-
Heated Washer Nozzles	-
Climate / Refrigerator	-
A/C Control Type	Automatic
Rear Independent A/C	-
Rear Air Vents	-
Temperature Zone Control	-
In-car Air Purifier	-
Cabin PM2.5 Filter	-
Negative-ion Generator	-
Fragrance System	-
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-

Smart Features

ADAS Operating System (Summary)	-
ADAS Operating System - ADiGO	-
Mobile App Remote Control (Summary)	● Vehicle Monitoring; ● Remote Control; ● Charging Management; ● Service Appointment
Mobile App Remote Control - Vehicle Monitoring	● Vehicle Monitoring
Mobile App Remote Control	● Remote Control
Mobile App Remote Control - Charging Management	● Charging Management
Mobile App Remote Control - Service Appointment	● Service Appointment
Mobile App Remote Control - Digital Key	-
Heat Pump System	● Standard
Number of Exterior Cameras	1
Exterior Camera Resolution	-
Interior Camera Resolution	-
Number of Ultrasonic Radars	4

Sub-meter High-precision Positioning	-
High-precision Map	-
Sentinel Mode	-
V2X Communication	-
Optional Packages	-
Custom Options	Custom Exterior, Interior, Wheels and Brake Options