

# EBU AUTO

## 2025 AION UT 420 km Smart Premium Edition

Single-trim PDF specification booklet

<b>Guide Price</b>	USD 14,543 / RMB 101,800
<b>CLTC Range</b>	420 km
<b>Battery</b>	44.089 kWh
<b>Motor Power</b>	100 kW
<b>Drive</b>	Front-motor FWD
<b>Dimensions</b>	4270x1850x1575

### Basic Information

<b>Official Guide Price</b>	RMB 101,800
<b>Manufacturer</b>	GAC AION New Energy
<b>Class</b>	Small Car
<b>Energy Type</b>	Pure Electric
<b>Launch Time</b>	2025.02
<b>Motor Description</b>	Pure Electric 136 Ps
<b>MIIT Pure Electric Range (km)</b>	420
<b>CLTC Pure Electric Range (km)</b>	420
<b>Charging Time</b>	Fast Charge 24 min
<b>Fast Charging Window (%)</b>	30-80
<b>Maximum Power (kW)</b>	100(136Ps)
<b>Maximum Torque (N·m)</b>	145
<b>Transmission Description</b>	Single-speed EV Transmission
<b>Length x Width x Height (mm)</b>	4270x1850x1575
<b>Body Structure</b>	5-door 5-seat Hatchback
<b>Top Speed (km/h)</b>	150
<b>Official 0-50 km/h Acceleration (s)</b>	4.1
<b>Official 0-100 km/h Acceleration (s)</b>	-
<b>Energy Consumption (kWh/100km)</b>	11.4
<b>Equivalent Fuel Consumption (L/100km)</b>	1.32
<b>Vehicle Warranty</b>	4 years or 150,000 km
<b>Estimated Maintenance Cost over 60,000 km</b>	RMB 324.0

### Body

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

### Electric Motor

<b>Motor Description</b>	Pure Electric 136 Ps
--------------------------	----------------------

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

## Battery / Charging

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

## Transmission

<b>Transmission Description</b>	Single-speed EV Transmission
<b>Number of Gears</b>	1
<b>Transmission Type</b>	Fixed-ratio Transmission

## Chassis / Steering

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

## Wheels / Brakes

<b>Front Brake Type</b>	Ventilated Disc
<b>Rear Brake Type</b>	Solid Disc
<b>Parking Brake Type</b>	Electronic Parking Brake
<b>Front Tire Size</b>	215/55 R17
<b>Rear Tire Size</b>	215/55 R17
<b>Spare Tire Specification</b>	-
<b>Active Safety</b>	-
<b>ABS</b>	● Standard
<b>Brake-force Distribution (EBD/CBC)</b>	● Standard
<b>Brake Assist (EBA/BA)</b>	● Standard

<b>Traction Control (TCS/ASR)</b>	● Standard
<b>Body Stability System (ESP/DSC)</b>	● Standard
<b>Active Safety Warning System</b>	● Lane Departure Warning; ● Forward Collision Warning
<b>Active Safety Warning System - Lane Departure Warning</b>	● Lane Departure Warning
<b>Active Safety Warning System - Forward Collision Warning</b>	● Forward Collision Warning
<b>Automatic Emergency Braking</b>	● Standard
<b>Blind Spot Assist</b>	● Standard
<b>Lane Keeping Assist</b>	● Standard
<b>Lane Centering Assist</b>	● Standard
<b>Driver Fatigue Warning</b>	-
<b>Active DMS Fatigue Detection</b>	-
<b>Cabin Vital-sign Detection</b>	-
<b>Traffic Sign Recognition</b>	● Standard
<b>Traffic Light Recognition</b>	-
<b>Night Vision System</b>	-
<b>Passive Safety</b>	-
<b>Front Airbags (Summary)</b>	● Driver; ● Front Passenger
<b>Front Airbags - Driver</b>	● Driver
<b>Front Airbags - Front Passenger</b>	● Front Passenger
<b>Side Airbags (Summary)</b>	● Front Row
<b>Side Airbags - Front Row</b>	● Front Row
<b>Side Curtain Airbags</b>	● Standard
<b>Front Knee Airbags</b>	-
<b>Center Airbag</b>	-
<b>Seat Belt Reminder</b>	● Standard
<b>TPMS</b>	Tire Pressure Warning
<b>ISOFIX</b>	● Standard
<b>Passive Pedestrian Protection</b>	-
<b>Run-flat Tire</b>	-
<b>Driver Assistance / Control</b>	-
<b>Parking Radar (Summary)</b>	● Rear
<b>Parking Radar - Rear</b>	● Rear
<b>Front Vehicle Departure Reminder</b>	-
<b>Driving Assistance Camera (Summary)</b>	● Reverse Camera; ● 360° Panoramic Camera; ● Transparent Chassis View
<b>Driving Assistance Camera - Reverse Camera</b>	● Reverse Camera
<b>Driving Assistance Camera - 360° Panoramic Camera</b>	● 360° Panoramic Camera
<b>Driving Assistance Camera - Transparent Chassis View</b>	● Transparent Chassis View
<b>Cruise System (Summary)</b>	● Cruise Control; ● Adaptive Cruise Control; ● Full-speed Adaptive Cruise Control
<b>Cruise System - Option</b>	● Cruise Control
<b>Cruise System - Adaptive Cruise Control</b>	● Adaptive Cruise Control
<b>Cruise System - Full-speed Adaptive Cruise Control</b>	● Full-speed Adaptive Cruise Control
<b>Automatic Lane Change Assist</b>	-
<b>Automatic Ramp Exit / Entry</b>	-
<b>Navigation Assisted Driving</b>	-
<b>ADAS Level</b>	Level 2
<b>Automatic Parking</b>	-
<b>Reverse Path Tracking</b>	-
<b>Memory Parking</b>	-
<b>Auto Hold</b>	● Standard
<b>Hill Start Assist (HAC)</b>	● Standard
<b>Hill Descent Control (HDC)</b>	-
<b>Variable Suspension</b>	-

<b>Air Suspension</b>	-
<b>Air Suspension Type</b>	-
<b>Electromagnetic Suspension</b>	-
<b>Variable Steering Ratio</b>	-
<b>Front Axle Limited-slip Type</b>	-
<b>Rear Axle Limited-slip Type</b>	-
<b>Center Differential Lock</b>	-
<b>Active Rear Steering</b>	-
<b>Drive Mode Selection (Summary)</b>	● Sport; ● ECO; ● Standard / Comfort
<b>Drive Mode Selection - Sport</b>	● Sport
<b>Drive Mode Selection - ECO</b>	● ECO
<b>Drive Mode Selection - Standard / Comfort</b>	● Standard / Comfort
<b>Brake Energy Recovery</b>	● Standard
<b>Comfortable Braking</b>	● Standard
<b>Low-speed Warning Sound</b>	● Standard
<b>Exterior Features</b>	-
<b>Sunroof Type</b>	Panoramic Glass Roof
<b>Panoramic Roof Sunshade</b>	● Standard
<b>Smart Dimming Roof</b>	-
<b>Roof Rack</b>	-
<b>Sport Appearance Package</b>	-
<b>Power Spoiler</b>	-
<b>Active Grille Shutters</b>	-
<b>Alloy Wheels</b>	● Standard
<b>Frameless Doors</b>	-
<b>Hidden Door Handles</b>	-
<b>Tow Hook</b>	-
<b>Interior Features</b>	-
<b>Steering Wheel Material (Summary)</b>	● Leather
<b>Steering Wheel Material - Plastic</b>	-
<b>Steering Wheel Material - Option</b>	● Leather
<b>Steering Wheel Adjustment</b>	Up / Down
<b>Power Steering Wheel Adjustment</b>	-
<b>Steering Wheel Functions (Summary)</b>	● Multi-function Control
<b>Steering Wheel Functions - Multi-function Control</b>	● Multi-function Control
<b>Gear Selector Type (Summary)</b>	● Electronic Column Shifter
<b>Gear Selector Type - Option</b>	● Electronic Column Shifter
<b>LCD Cluster Style</b>	Full LCD
<b>LCD Cluster Size (in) (Summary)</b>	● 8.88
<b>LCD Instrument Cluster Size - 8.8 in</b>	-
<b>LCD Cluster Size (in) - 8.88</b>	● 8.88
<b>Comfort / Security</b>	-
<b>Soft-close Doors</b>	-
<b>Power Tailgate</b>	● Standard
<b>Hands-free Tailgate</b>	● Standard
<b>Tailgate Position Memory</b>	● Standard
<b>Central Locking</b>	● Standard
<b>Remote Key Type (Summary)</b>	● Smart Remote Key; ● Bluetooth Phone Key
<b>Remote Key Type - Conventional Remote Key</b>	-
<b>Remote Key Type - Smart Remote Key</b>	● Smart Remote Key
<b>Remote Key Type - Bluetooth Key</b>	● Bluetooth Phone Key
<b>Keyless Entry</b>	● Driver
<b>Keyless Start</b>	● Standard
<b>Remote Start</b>	● 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)	<input checked="" type="radio"/> Driver; <input checked="" type="radio"/> Front Passenger
Power Seat Adjustment - Driver	<input checked="" type="radio"/> Driver
Seat Power Adjustment - Front Passenger	<input checked="" type="radio"/> Front Passenger
Sunken Rear Seat Folding	-
Driver Seat Main Adjustments (Summary)	<input checked="" type="radio"/> Forward / Backward Adjustment; <input checked="" type="radio"/> Backrest Angle; <input checked="" type="radio"/> Height Adjustment
Driver Seat Main Adjustments - Fore / Aft	<input checked="" type="radio"/> Forward / Backward Adjustment
Driver Seat Main Adjustments - Backrest Angle	<input checked="" type="radio"/> Backrest Angle
Driver Seat Main Adjustments - Height Adjustment	<input checked="" type="radio"/> Height Adjustment
Driver Seat Fine Adjustments (Summary)	<input checked="" type="radio"/> Headrest
Driver Seat Fine Adjustments - Headrest	<input checked="" type="radio"/> Headrest
Front Passenger Seat Main Adjustments (Summary)	<input checked="" type="radio"/> Forward / Backward Adjustment; <input checked="" type="radio"/> Backrest Angle
Front Passenger Seat Main Adjustments - Fore / Aft	<input checked="" type="radio"/> Forward / Backward Adjustment
Front Passenger Seat Main Adjustments - Backrest Angle	<input checked="" type="radio"/> Backrest Angle
Front Passenger Seat Fine Adjustments (Summary)	<input checked="" type="radio"/> Headrest
Front Passenger Seat Fine Adjustments - Headrest	<input checked="" type="radio"/> Headrest
Second-row Seat Main Adjustments (Summary)	<input checked="" type="radio"/> Backrest Angle Adjustment
Second-row Seat Main Adjustments - Option	<input checked="" type="radio"/> Backrest Angle Adjustment
Second-row Seat Fine Adjustments	-
Front Seat Functions	<input checked="" type="radio"/> Driver Seat Heating
Front Seat Functions - Driver Seat Heating	<input checked="" type="radio"/> Driver Seat Heating
Second-row Seat Functions	-
Boss Key	-
Front / Rear Armrests (Summary)	<input checked="" type="radio"/> Front Row
Front / Rear Armrests - Front Row	<input checked="" type="radio"/> Front Row
Rear Cup Holder	-
Heated / Cooled Cup Holder	-
Front Seats Flattened	<input checked="" type="radio"/> Standard
Rear Seat Folding Ratio	40:60
Second-row Tray Table	-
Smart Connectivity	-
Center Screen Size (in)	14.6
Center Screen Material	-
Satellite Navigation	<input checked="" type="radio"/> 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; ● 1 Rear Port
USB/Type-C Port Count - 2 Front	● 2 Front Ports
USB/Type-C Port Count - 1 Rear	● 1 Rear Port
USB/Type-C Max Charging Power	-
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	-
Audio Brand	-
Number of Speakers	6
Rear Multimedia Controls	-
Lighting	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	○ Optional
Adaptive High / Low Beam	● Standard
Automatic Headlights	● Standard
Cornering Lights	-
Front Fog Lights	-
Adaptive Front-lighting System (AFS)	-
Headlight Height Adjustment	● Standard
Headlight Washers	-
Ambient Lighting	Single-color
Active Ambient Lighting	-
Special Lighting Functions	-

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

## Smart Features

<b>ADAS Operating System (Summary)</b>	● ADiGO
<b>ADAS Operating System - ADiGO</b>	● ADiGO
<b>Mobile App Remote Control (Summary)</b>	● Vehicle Monitoring; ● Remote Control; ● Charging Management; ● Service Appointment; ● Digital Key
<b>Mobile App Remote Control - Vehicle Monitoring</b>	● Vehicle Monitoring
<b>Mobile App Remote Control</b>	● Remote Control
<b>Mobile App Remote Control - Charging Management</b>	● Charging Management
<b>Mobile App Remote Control - Service Appointment</b>	● Service Appointment
<b>Mobile App Remote Control - Digital Key</b>	● Digital Key
<b>Heat Pump System</b>	● Standard
<b>Number of Exterior Cameras</b>	5
<b>Exterior Camera Resolution</b>	-
<b>Interior Camera Resolution</b>	-
<b>Number of Ultrasonic Radars</b>	4

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