

EBU AUTO

2025 AION UT 420 km Smart Luxury Edition

Single-trim PDF specification booklet

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|--------------------|-------------------------|
| Guide Price | USD 12,829 / RMB 89,800 |
| CLTC Range | 420 km |
| Battery | 44.089 kWh |
| Motor Power | 100 kW |
| Drive | Front-motor FWD |
| Dimensions | 4270x1850x1575 |

Basic Information

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| Official Guide Price | RMB 89,800 |
| 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

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|--------------------------------------|--------------------|
| 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

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|--------------------------|----------------------|
| 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

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|---|---|
| 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

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

Chassis / Steering

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| 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

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|---|--------------------------|
| 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 |

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|---|---|
| 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) | ● Front Row |
| Side Airbags - Front Row | ● 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; ● 360° Panoramic Camera; ● Transparent Chassis View |
| Driving Assistance Camera - Reverse Camera | ● Reverse Camera |
| Driving Assistance Camera - 360° Panoramic Camera | ● 360° Panoramic Camera |
| Driving Assistance Camera - Transparent Chassis View | ● 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 | - |

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| 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 | ● Standard |
| Frameless Doors | - |
| Hidden Door Handles | - |
| Tow Hook | - |
| Interior Features | - |
| Steering Wheel Material (Summary) | ● Leather |
| Steering Wheel Material - Plastic | - |
| Steering Wheel Material - Option | ● Leather |
| 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 |

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| 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) | ● Driver |
| Power Seat Adjustment - Driver | ● 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 | - |

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| 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 | - |
| 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 | - |

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| 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 | ● Standard |
| Multi-layer Acoustic Glass | - |
| Heated Windshield | - |
| Heated Washer Nozzles | - |
| Climate / Refrigerator | - |
| A/C Control Type | Automatic |
| Rear Independent A/C | - |
| Rear Air Vents | ● Standard |
| Temperature Zone Control | - |
| In-car Air Purifier | - |
| Cabin PM2.5 Filter | ● Standard |
| Negative-ion Generator | - |
| Fragrance System | - |
| AQS Air Quality Management | - |
| On-board Refrigerator | - |
| Refrigerator Functions | - |

Smart Features

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| 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 | 4 |
| Exterior Camera Resolution | - |
| Interior Camera Resolution | - |
| Number of Ultrasonic Radars | 4 |

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