

# Avita 07 2024 MaxRearDriveExtended RangeExplorerversion Specifications

## Basic Information

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExplorerversion
Official Price	RMB 259,900
Manufacturer	AvitaTechnology
Class	MediumTypeSUV
Energy Type	Range Extended
Market Time	2025.04
Electric Description	Range Extended 314Horsepower
CLTC Range	188
Wltc Recharge Mileage	188
CLTC Pure Electric Range (km)	230
Combined Driving Range (km), MIIT	1100
High-Voltage Fast Charging Platform	-
400	-
800	-
Charging Time	Fast charge 15 min; Slow charge 7 h
Fast Charging Window (%)	30-80
Maximum Power (kW)	231(314Ps)
Maximum Torque (N·m)	367
Transmission Description	EV single-speed transmission
Length x Width x Height (mm)	4825x1980x1635
Body Structure	5-door 5-seat SUV
Top Speed (km/h)	190
Official 0-100 km/h Acceleration (s)	6.6
WLTC Fuel Consumption (L/100km)	0.66
Energy Consumption (kWh/100km)	19.3
Equivalent Fuel Consumption (L/100km)	2.24
State OF Charge Fuel Consumption	6.08
Vehicle Warranty	5 years or 120,000 km
Estimated Maintenance Cost over 60,000 km	RMB 4,215

## Body

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExplorerversion
Length (mm)	4825
Width (mm)	1980
Height (mm)	1635
Wheelbase (mm)	2940
Front Track (mm)	1680
Rear Track (mm)	1690
Minimum Ground Clearance (mm)	-
Body Structure	SUV
Number of Doors	5
Door Opening Type	Hinged doors
Seats	5
Curb Weight (kg)	2240
Gross Weight (kg)	2615
OIL Tank Volume	45.0

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
FrontCargo Volume(L)	-
Cargo Volume (L)	500-1325
Minimum Turning Radius (m)	-
Drag Coefficient (Cd)	0.259

## Engine

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Engine Model	JL469ZQ1
Displacement (mL)	1497
Displacement (L)	1.5
Aspiration	Turbocharged
Engine Layout	Transverse-mounted
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Compression Ratio	-
Valve Train	DOHC
Maximum Horsepower (Ps)	156
Maximum Power (kW)	115
Maximum Net Power (kW)	110
Maximum Power RPM	-
Maximum Torque (N·m)	-
Maximum Torque RPM	-
EngineThermal Efficiency(%)	44.39
Engine Technology	-
Energy Type	Range Extended
Fuel Grade	92#
Fuel Supply System	Direct Injection
Cylinder Head Material	Aluminum alloy
Cylinder Block Material	Aluminum alloy
Emission Standard	China VI

## Electric Motor

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Electric Description	Range Extended 314Horsepower
Motor Type	Permanent magnet synchronous
Total Motor Power	231
Total Motor Horsepower (Ps)	314
Total Motor Torque	367
Front Motor Max Power (kW)	-
Front Motor Max Torque (N·m)	-
Rear Motor Max Power (kW)	231
Rear Motor Max Torque (N·m)	367
Drive Motor Count	Single motor
Motor Layout	Rear-mounted

## Battery / Charging

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Battery Type	LFP Battery
Battery Special Technology	-
Cell Brand	CATL

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Battery Warranty	8 years or 160,000 km
Battery Capacity	39.05
Battery Energy Density (Wh/kg)	-
Battery Charging Rate	● Standard: 3C
Battery Charging Rate - 3	● Standard: 3C
4.5	-
5	-
Battery Charging (Summary)	● Standard: Fast charge 15 min; ● Standard: Slow charge 7 h; ● Standard: Fast charging port
Charging Time	Fast charge 15 min; Slow charge 7 h
Battery Charging - Fast Charging Port	● Standard: Fast charging port
MAX Fast Charge Power	-
Fast Charging Port Position (Summary)	Left Fuel Filler
Left Fuel Tank Position	Left Fuel Filler
Slow Charging Port Position (Summary)	Left Fuel Filler
Left Fuel Tank Position	Left Fuel Filler
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

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

## Chassis / Steering

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Drive Type	Rear-mounted RWD
Four-wheel-drive Type	-
Front Suspension	Double Wishbone Independent Suspension
Rear Suspension	Multi-link independent suspension
Steering Type	Electric power steering
Vehicle Body Structure	Unibody

## Wheels / Brakes

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Front Brake Type	Ventilated disc
Rear Brake Type	Ventilated disc
Parking Brake Type	Electronic parking brake
Front Tire Size	265/45 R21
Rear Tire Size	265/45 R21
Spare Tire Specification	-
Spare Tire Location	-
Active Safety	-
ABS	Standard
Brake-force Distribution (EBD/CBC)	Standard
Brake Assist (EBA/BA)	Standard
Traction Control (TCS/ASR)	Standard

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Body Stability System (ESP/DSC)	Standard
Active Safety Warning System	● Standard: Lane departure warning; ● Standard: Forward collision warning; ● Standard: Rear collision warning; ● Standard: Rear cross traffic alert; ● Standard: DOW door opening warning; ● Standard: Front cross traffic alert; ● Standard: Front cross traffic braking
Active Safety Warning System - Lane Departure Warning	● Standard: Lane departure warning
Active Safety Warning System - Forward Collision Warning	● Standard: Forward collision warning
Rear collision warning	● Standard: Rear collision warning
Rear cross traffic alert	● Standard: Rear cross traffic alert
DOW door opening warning	● Standard: DOW door opening warning
Front cross traffic alert	● Standard: Front cross traffic alert
Front cross traffic braking	● Standard: Front cross traffic braking
Automatic Emergency Braking	Standard
Blind Spot Assist	Standard
Lane Keeping Assist	Standard
Lane Centering Assist	Standard
Driver Fatigue Warning	Standard
Active DMS Fatigue Detection	Standard
Cabin Vital-sign Detection	Standard
Traffic Sign Recognition	Standard
Traffic Light Recognition	Standard
Night Vision System	-
Passive Safety	-
Front Airbags (Summary)	● Standard: Driver seat; ● Standard: Passenger seat
Front Airbags - Driver	● Standard: Driver seat
Front Airbags - Front Passenger	● Standard: Passenger seat
Side Airbags (Summary)	● Standard: Front row; ● Standard: Rear row
Side Airbags - Front Row	● Standard: Front row
Rear row	● Standard: Rear row
Side Curtain Airbags	Standard
Front Knee Airbags	-
Center Airbag	● Standard: Front row
Front row	● Standard: Front row
Seat Belt Reminder	Standard
TPMS	Tire pressure display
ISOFIX	Standard
Passive Pedestrian Protection	-
Run-flat Tire	-
Driver Assistance / Control	-
Parking Radar (Summary)	● Standard: Front; ● Standard: Rear
Front	● Standard: Front
Parking Radar - Rear	● Standard: Rear
Front Vehicle Departure Reminder	-
Narrow Road Assistance	Standard
Driving Assistance Camera (Summary)	● Standard: Rear view camera; ● Standard: VehicleSide Blind Spot Camera; ● Standard: 360-degree panoramic camera; ● Standard: Transparent view
Driving Assistance Camera - Reverse Camera	● Standard: Rear view camera
Side Blind Zone Camera	● Standard: VehicleSide Blind Spot Camera
Driving Assistance Camera - 360° Panoramic Camera	● Standard: 360-degree panoramic camera
Driving Assistance Camera - Transparent Chassis View	● Standard: Transparent view
Cruise System (Summary)	● Standard: Cruise control; ● Standard: Adaptive cruise control; ● Standard: Full-speed adaptive cruise control
Cruise System - Option	● Standard: Cruise control
Cruise System - Adaptive Cruise Control	● Standard: Adaptive cruise control
Cruise System - Full-speed Adaptive Cruise Control	● Standard: Full-speed adaptive cruise control

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Automatic Lane Change Assist	Standard
Automatic Ramp Exit / Entry	Standard
Navigation Assisted Driving	● Standard: Highway navigation assist; ■ Optional: Urban navigation assist
Highway navigation assist	● Standard: Highway navigation assist
Urban navigation assist	■ Optional: Urban navigation assist
ADAS Level	L2
Automatic Parking	Standard
Reverse Path Tracking	Standard
Memory Parking	Optional
Automatic Valet Parking	Optional
Auto Hold	Standard
Hill Start Assist (HAC)	Standard
Hill Descent Control (HDC)	Standard
Engine SAS Tech	-
Variable Suspension	-
Air Suspension	-
Air Suspension Type	-
Electromagnetic Suspension	-
Magic Body Control	-
Variable Steering Ratio	-
Front Axle Limited-slip Type	-
Rear Axle Limited-slip Type	-
Center Differential Lock	-
Four WD LOW	-
Active Rear Steering	-
Drive Mode Selection (Summary)	● Standard: Sport; ● Standard: Personalized; ● Standard: ECO/Economy; ● Standard: Standard Comfort
Drive Mode Selection - Sport	● Standard: Sport
Drive Mode Selection - Custom	● Standard: Personalized
Drive Mode Selection - ECO	● Standard: ECO/Economy
Drive Mode Selection - Standard / Comfort	● Standard: Standard Comfort
Brake Energy Recovery	Standard
Comfortable Braking	Standard
Low-speed Warning Sound	Standard
Exterior Features	-
Sunroof Type	Panoramic glass roof
Panoramic Roof Sunshade	Standard
Smart Dimming Roof	-
Roof Rack	Standard
Sport Appearance Package	-
Power Spoiler	-
Active Grille Shutters	-
Alloy Wheels	Standard
Side Steps	-
Frameless Doors	Standard
Hidden Door Handles	Standard
Tow Hook	Standard
Interior Features	-
Steering Wheel Material (Summary)	● Standard: Leather; ■ Optional: Genuine leather
Steering Wheel Material - Option	● Standard: Leather
Genuine leather	■ Optional: Genuine leather
Steering Wheel Adjustment	Tilt and telescopic
Power Steering Wheel Adjustment	Standard
Steering Wheel Functions (Summary)	● Standard: Multifunction controls; ● Standard: Memory; ● Standard: Heating

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Steering Wheel Functions - Multi-function Control	● Standard: Multifunction controls
Memory	● Standard: Memory
Heating	● Standard: Heating
Gear Selector Type (Summary)	● Standard: Electronic column shifter
Gear Selector Type - Option	● Standard: Electronic column shifter
LCD Cluster Style	Full LCD
LCD Cluster Size (in) (Summary)	● Standard: 35.4
35.4	● Standard: 35.4
Comfort / Anti-theft	-
Soft-close Doors	-
Power Tailgate	Standard
Hands-free Tailgate	-
Tailgate Position Memory	Standard
Engine Anti Theft	Standard
Central Locking	Standard
Remote Key Type (Summary)	● Standard: Smart remote key; ● Standard: Phone Bluetooth key
Remote Key Type - Smart Remote Key	● Standard: Smart remote key
Remote Key Type - Bluetooth Key	● Standard: Phone Bluetooth key
Keyless Entry	All windows
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Move	Standard
Vehicle Summon	Optional
Head-up Display (HUD)	-
Built-in Driving Recorder	Standard
Active Noise Cancellation	-
Wireless Phone Charging	Standard
Wireless Charging MAX Power (Summary)	-
Wireless Charging MAX Power 50	-
AC Power Outlet	-
Cargo 12V Power Outlet	Standard
Seat Features	-
Seat Material	● Standard: Synthetic leather; ■ Optional: Genuine leather
Synthetic leather	● Standard: Synthetic leather
Genuine leather	■ Optional: Genuine leather
SeatsLeatherStyle	■ Optional: NappaGenuine leather
NappaGenuine leather	■ Optional: NappaGenuine leather
Sport Seats	-
Seat Layout	● Standard: 2+3
Layout Seat 4 - 2+3	● Standard: 2+3
Second-row Independent Seats	-
Third-row Seats	-
Zero Gravity Seat	Standard
Power Seat Adjustment (Summary)	● Standard: Driver seat; ● Standard: Passenger seat; ● Standard: Second Row
Power Seat Adjustment - Driver	● Standard: Driver seat
Seat Power Adjustment - Front Passenger	● Standard: Passenger seat
Second Row	● Standard: Second Row
Sunken Rear Seat Folding	-
Driver Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Backrest angle; ● Standard: Height adjustment
Driver Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment
Driver Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Driver Seat Main Adjustments - Height Adjustment	● Standard: Height adjustment
Driver Seat Fine Adjustments (Summary)	● Standard: Headrest; ● Standard: Lumbar; ● Standard: Leg rest

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Driver Seat Fine Adjustments - Headrest	● Standard: Headrest
Lumbar	● Standard: Lumbar
Leg rest	● Standard: Leg rest
Front Passenger Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Height adjustment; ● Standard: Backrest angle
Front Passenger Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment
Height adjustment	● Standard: Height adjustment
Front Passenger Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Front Passenger Seat Fine Adjustments (Summary)	● Standard: Headrest; ● Standard: Lumbar; ● Standard: Leg rest
Front Passenger Seat Fine Adjustments - Headrest	● Standard: Headrest
Lumbar	● Standard: Lumbar
Leg rest	● Standard: Leg rest
Second-row Seat Main Adjustments (Summary)	● Standard: Backrest angleAdjustment
Second-row Seat Main Adjustments - Option	● Standard: Backrest angleAdjustment
Second-row Seat Fine Adjustments	-
Front Seat Functions	● Standard: Heating; ● Standard: Ventilation; ● Standard: Memory; ● Standard: Massage
Front Seat Functions - Option	● Standard: Heating
Ventilation	● Standard: Ventilation
Memory	● Standard: Memory
Massage	● Standard: Massage
Memory(driver seat)	-
Second-row Seat Functions	● Standard: Heating
Heating	● Standard: Heating
Ventilation	-
Massage	-
Third-row Seat Functions	-
Boss Key	Standard
Front / Rear Armrests (Summary)	● Standard: Front row; ● Standard: Rear row
Front / Rear Armrests - Front Row	● Standard: Front row
Rear row	● Standard: Rear row
Rear Cup Holder	Standard
Heated / Cooled Cup Holder	-
Rear Seat Folding Ratio	40:60
Power-folding Rear Seats	-
Second-row Tray Table	-
Windows / Mirrors	-
Center Screen Size (in)	15.6
Center Screen Material	-
Center Screen Resolution (Summary)	2K
2K	2K
Satellite Navigation	Standard
AR Navigation	-
Navigation Traffic Display	Standard
MAP Brand (Summary)	● Standard: Petal
Petal	● Standard: Petal
Roadside Assistance	Standard
Bluetooth / Car Phone	Standard
Phone Mirroring (Summary)	● Standard: HUAWEI HiCar
Phone Mirroring - HUAWEI HiCar	● Standard: HUAWEI HiCar
Connected Car	Standard
Mobile Network (Summary)	● Standard: 5G
5G	● Standard: 5G
OTA Upgrade	Standard

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Face Recognition	Standard
Fingerprint Recognition	-
Voiceprint Recognition	-
Emotion Recognition	-
Voice Recognition Control	Standard
Wake-word-free Voice Control	Standard
Voice Wake-up by Zone (Summary)	● Standard: Four-zone voice recognition
Voice Wake-up by Zone - Four Zones	● Standard: Four-zone voice recognition
Continuous Voice Recognition	Standard
Visible-to-speak Control	Standard
Voice Assistant Wake-up Phrase	Xiao Ta Xiao Ta
Gesture Control	-
Wi-Fi Hotspot	-
Lighting	-
Multi-finger Screen Control	-
App Store	Standard
Media Interface (Summary)	● Standard: USB/Type-C
Media Interface - USB/Type-C	● Standard: USB/Type-C
USB/Type-C Port Count (Summary)	● Standard: Front row: 2; ● Standard: Rear row: 1
USB/Type-C Port Count - 2 Front	● Standard: Front row: 2
USB/Type-C Port Count - 1 Rear	● Standard: Rear row: 1
USB/Type-C Max Charging Power	Rear row18W; Front row60W
Front row: 27 W	-
Rear row: 18 W	Rear row: 18 W
Front row: 60 W	Front row: 60 W
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	Standard
Karaoke	Standard
Audio Brand	EnglishCountryZhi Bao
Number of Speakers	● Standard: 25
16	-
25	-
25	● Standard: 25
Sound System Layout	7.1.4
Amplifier Max Output Power (W)	● Standard: 2016
1408	-
2016	● Standard: 2016
Seat Speakers (Headrest / Shoulder)	Standard
SKY Sound Channel	Standard
Rear Multimedia Controls	-
Winter WarmthsetTrim	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	Standard
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	Multi-color

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
Active Ambient Lighting	-
Standard	-
Special Lighting Functions	-
Lighting Projection Technology	-
Headlight Delay-off	Standard
Headlamp Rain / Fog Mode	-
Smart Winter Package	-
Power Windows (Summary)	● Standard: Front row; ● Standard: Rear row
Power Windows - Front Row	● Standard: Front row
Power Windows - Option	● Standard: Rear row
One-touch Windows	All windows
Anti-pinch Windows	Standard
Exterior Mirror Functions (Summary)	● Standard: Power adjustment; ● Standard: Heating; ● Standard: Power folding; ● Standard: Memory; ● Standard: ReverseAutomatictilt-down; ● Standard: Auto-fold on lock; ■ Optional: Automatic anti-glare; ■ Optional: Streaming Media (RMB 12,000)
Exterior Mirror Functions - Option	● Standard: Power adjustment
Exterior Mirror Functions - Heating	● Standard: Heating
Exterior Mirror Functions - Power Folding	● Standard: Power folding
Memory	● Standard: Memory
ReverseAutomatictilt-down	● Standard: ReverseAutomatictilt-down
Exterior Mirror Functions - Auto Fold on Lock	● Standard: Auto-fold on lock
Automatic anti-glare	■ Optional: Automatic anti-glare
Streaming Media	■ Optional: Streaming Media (RMB 12,000)
Interior Mirror Functions	● Standard: Automatic anti-glare
Automatic anti-glare	● Standard: Automatic anti-glare
Streaming Media	-
Vanity Mirror (Summary)	● Standard: Driver seat+with lighting; ● Standard: Passenger seat+with lighting
Vanity Mirror - Option	● Standard: Driver seat+with lighting
Vanity Mirror - Option	● Standard: Passenger seat+with lighting
Rear Privacy Glass	-
Interior Sunshade	-
Rain-sensing Wipers	Standard
Rear Wiper	-
Rear Window Open Method	-
Multi-layer Acoustic Glass	Front row
Heated Windshield	-
Heated Washer Nozzles	-
Intelligent Digital Headlight	-
A/C Control Type	Automatic
Rear Independent A/C	-
Rear Air Vents	Standard
Temperature Zone Control	● Standard: Dual-zone climate control
Dual-zone climate control	● Standard: Dual-zone climate control
In-car Air Purifier	-
Cabin PM2.5 Filter	Standard
Negative-ion Generator	-
Fragrance System	Standard
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-
Heating	-
Refrigeration	-

## Smart Features

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
ADAS Operating System (Summary)	● Standard: HUAWEI ADS
HUAWEI ADS	● Standard: HUAWEI ADS
CAR Intelligent System (Summary)	● Standard: HarmonyOS
HarmonyOS	● Standard: HarmonyOS
Mobile App Remote Control (Summary)	● Standard: Digital key; ● Standard: Vehicle monitoring; ● Standard: Remote control; ● Standard: Charging management; ● Standard: Service appointment
Mobile App Remote Control - Digital Key	● Standard: Digital key
Mobile App Remote Control - Vehicle Monitoring	● Standard: Vehicle monitoring
Mobile App Remote Control	● Standard: Remote control
Mobile App Remote Control - Charging Management	● Standard: Charging management
Mobile App Remote Control - Service Appointment	● Standard: Service appointment
Heat Pump System	-
Front Maximum Detection Distance (m)	-
250	-
Number of Exterior Cameras	● Standard: 11; ■ Optional: 13
10	-
11	● Standard: 11
12	-
13	■ Optional: 13
14	-
Exterior Camera Resolution	-
Interior Camera Count	● Standard: 2
Incar Camera Count 1	-
Incar Camera Count 2	● Standard: 2
Interior Camera Resolution	-
Number of Ultrasonic Radars	12
Millimeter Wave Radar	3
Laser Radar	1
LiDAR Brand	Huawei
Huawei	Huawei
LiDAR Line Count (Lines)	● Standard: 192
192	● Standard: 192
Sub-meter High-precision Positioning	-
High-precision Map	-
Sentinel Mode	Standard
V2X Communication	-
Optional Package	-
Custom Options	Optional exterior, interior, wheels, brakes; 3TypeOptional Package
HALO Interactive Screen	-
HALO Interactive Screen	-
OpticalTechnologyPackage	-
OpticalTechnologyPackage	-
OpticalTechnologyPackage	-
premiumPackage	● Standard: NAPPAGenuine leatherSteering Wheel, Full GrainNAPPATop LayerGenuine leatherSeats, Dinamica@Microfiber SuedeLeatherHeadliner; ■ Optional: Optional (RMB 10,000)
premiumPackage	NAPPAGenuine leatherSteering Wheel, Full GrainNAPPATop LayerGenuine leatherSeats, Dinamica@Microfiber SuedeLeatherHeadliner
premiumPackage	■ Optional: Optional (RMB 10,000)
ExplorerPackage	● Standard: SportPackage, RowTrunk Metal Trim, VehicleDoor PanelAVATR LEDBadge, LEDFrontLightLightRowRoof Rack; ● Standard: TowVehicleHitch; ● Standard
ExplorerPackage	SportPackage, RowTrunk Metal Trim, VehicleDoor PanelAVATR LEDBadge, LEDFrontLightLightRowRoof Rack; TowVehicleHitch
ExplorerPackage	● Standard

Parameter	Avita 07 2024 MaxRearDriveExtended RangeExploreversion
ComfortPackage	-
ComfortPackage	-
ComfortPackage	-
Ultra-Clear Electronic ExteriorRearMirror	-
Ultra-Clear Electronic ExteriorRearMirror	-
Ultra-Clear Electronic ExteriorRearMirror	-