

# Avita 11 2023 90Degree All-Wheel Driveversion Specifications

## Basic Information

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
Official Price	RMB 325,000
Manufacturer	AvitaTechnology
Class	Medium and LargeTypeSUV
Energy Type	Pure Electric
Market Time	2023.08
Electric Description	Pure Electric 578 hp
CLTC Range	580
Wltc Recharge Mileage	-
CLTC Pure Electric Range (km)	580
Combined Cruising Range Cltc	-
High-Voltage Fast Charging Platform	-
800	-
Charging Time	Fast charge 15 min; Slow charge 10.5 h
Fast Charging Window (%)	30-80
Maximum Power (kW)	425(578Ps)
Maximum Torque (N·m)	650
Transmission Description	EV single-speed transmission
Length x Width x Height (mm)	4880x1970x1601
Body Structure	4-door 5-seat SUV
Top Speed (km/h)	200
Official 0-100 km/h Acceleration (s)	3.98
WLTC Fuel Consumption (L/100km)	-
Energy Consumption (kWh/100km)	17.1
Equivalent Fuel Consumption (L/100km)	1.93
State OF Charge Fuel Consumption	-
Vehicle Warranty	5 years or 120,000 km
First Owner Warranty Period	-
Estimated Maintenance Cost over 60,000 km	RMB 1,926

## Body

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
Length (mm)	4880
Width (mm)	1970
Height (mm)	1601
Wheelbase (mm)	2975
Front Track (mm)	1678
Rear Track (mm)	1678
Minimum Ground Clearance (mm)	-
Body Structure	SUV
Number of Doors	4
Door Opening Type	Hinged doors
Seats	5
Curb Weight (kg)	2280
Gross Weight (kg)	-
OIL Tank Volume	-

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
FrontCargo Volume(L)	95
Cargo Volume (L)	-
Minimum Turning Radius (m)	-
Drag Coefficient (Cd)	0.308

## Engine

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
Engine Model	-
Displacement (mL)	-
Displacement (L)	-
Aspiration	-
Engine Layout	-
Cylinder Arrangement	-
Number of Cylinders	-
Valves per Cylinder	-
Compression Ratio	-
Valve Train	-
Maximum Horsepower (Ps)	-
Maximum Power (kW)	-
Maximum Net Power (kW)	-
Maximum Power RPM	-
Maximum Torque (N-m)	-
Maximum Torque RPM	-
EngineThermal Efficiency(%)	-
Engine Technology	-
Energy Type	Pure Electric
Fuel Grade	-
Fuel Supply System	-
Cylinder Head Material	-
Cylinder Block Material	-
Emission Standard	-

## Electric Motor

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
Electric Description	Pure Electric 578 hp
Motor Type	FrontInduction/Asynchronous RearPermanent magnet synchronous
Total Motor Power	425
Total Motor Horsepower (Ps)	578
Total Motor Torque	650
Front Motor Max Power (kW)	195
Front Motor Max Torque (N-m)	280
Rear Motor Max Power (kW)	230
Rear Motor Max Torque (N-m)	370
Drive Motor Count	Dual motor
Motor Layout	Front-mounted+Rear-mounted

## Battery / Charging

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
Battery Type	Ternary lithium battery
Battery Special Technology	-
Cell Brand	CATL

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
Battery Warranty	8 years or 160,000 km
Battery Capacity	90.38
Battery Energy Density (Wh/kg)	180.0
Battery Charging Rate	-
Battery Charging Rate - 3	-
Battery Charging (Summary)	● Standard: Fast charge 15 min; ● Standard: Slow charge 10.5 h; ● Standard: Fast charging port
Charging Time	Fast charge 15 min; Slow charge 10.5 h
Battery Charging - Fast Charging Port	● Standard: Fast charging port
MAX Fast Charge Power	240
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 11 2023 90Degree All-Wheel Driveversion
Transmission Description	EV single-speed transmission
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

## Chassis / Steering

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
Drive Type	Dual motorAll-Wheel Drive
Four-wheel-drive Type	Electric AWD
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 11 2023 90Degree All-Wheel Driveversion
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
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

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
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	-
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
Side Airbags - Front Row	● Standard: Front row
Side Curtain Airbags	Standard
Front Knee Airbags	-
Center Airbag	-
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	-
Driving Assistance Camera (Summary)	● Standard: Rear view camera; ● Standard: 360-degree panoramic camera; ● Standard: Transparent view
Driving Assistance Camera - Reverse Camera	● Standard: Rear view camera
Side Blind Zone 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
Automatic Lane Change Assist	Standard
Automatic Ramp Exit / Entry	Standard
Navigation Assisted Driving	-
Highway navigation assist	-
Urban navigation assist	-

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
ADAS Level	L2
Automatic Parking	Standard
Reverse Path Tracking	-
Memory Parking	-
Automatic Valet Parking	-
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	-
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
Low-speed Warning Sound	Standard
Exterior Features	-
Sunroof Type	Segmented fixed sunroof
Smart Dimming Roof	-
Roof Rack	-
Sport Appearance Package	Optional (RMB 6,000)
Power Spoiler	Standard
Active Grille Shutters	-
Alloy Wheels	Standard
Side Steps	-
Frameless Doors	Standard
Hidden Door Handles	Standard
Tow Hook	-
Interior Features	-
Steering Wheel Material (Summary)	● Standard: Genuine leather
Genuine leather	● Standard: Genuine leather
Steering Wheel Material - Option	-
Steering Wheel Adjustment	Tilt and telescopic
Power Steering Wheel Adjustment	Standard
Steering Wheel Functions (Summary)	● Standard: Multifunction controls; ● Standard: Memory
Steering Wheel Functions - Multi-function Control	● Standard: Multifunction controls
Memory	● Standard: Memory
Heating	-
Gear Selector Type (Summary)	-
Gear Selector Type - Option	-
LCD Cluster Style	Full LCD
LCD Cluster Size (in) (Summary)	● Standard: 10.25
10.25	● Standard: 10.25

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
LCD Instrument Resolution	1920x720
1920x720	1920x720
Instrument Cluster Screen Pixel Density(PPI)	● Standard: 200
200	● Standard: 200
Comfort / Anti-theft	-
Soft-close Doors	-
PowerSwing/Swing-Up Door	-
Power Tailgate	Standard
Hands-free Tailgate	-
Tailgate Position Memory	Standard
Engine Anti Theft	-
Central Locking	Standard
Remote Key Type (Summary)	● Standard: Phone Bluetooth key; ● Standard: NFC/RFID key
Remote Key Type - Smart Remote Key	-
Remote Key Type - Bluetooth Key	● Standard: Phone Bluetooth key
Remote Key Type - NFC/RFID Key	● Standard: NFC/RFID key
Keyless Entry	All windows
Keyless Start	Standard
Remote Start	Standard
Remote Vehicle Move	Standard
Vehicle Summon	-
Head-up Display (HUD)	-
Built-in Driving Recorder	Standard
Active Noise Cancellation	Standard
Wireless Phone Charging	Standard
Wireless Charging MAX Power (Summary)	50
Wireless Charging MAX Power 50	50
AC Power Outlet	-
Cargo 12V Power Outlet	Standard
Seat Features	-
Seat Material	● Standard: Genuine leather
Synthetic leather	-
Genuine leather	● Standard: Genuine leather
Leather/Suede	-
SeatsLeatherStyle	● Standard: NappaGenuine leather
NappaGenuine leather	● Standard: NappaGenuine leather
Sport Seats	-
Seat Layout	■ Optional: 2+2; ● Standard: 2+3
2+2	■ Optional: 2+2
Layout Seat 4 - 2+3	● Standard: 2+3
Second-row Independent Seats	Optional
Third-row Seats	-
Zero Gravity Seat	-
Power Seat Adjustment (Summary)	● Standard: Driver seat; ● Standard: Passenger seat; ■ Optional: Second Row
Power Seat Adjustment - Driver	● Standard: Driver seat
Seat Power Adjustment - Front Passenger	● Standard: Passenger seat
Second Row	■ Optional: 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: Lumbar

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
Lumbar	● Standard: Lumbar
Leg rest	-
Front Passenger Seat Main Adjustments (Summary)	● Standard: Fore-aft adjustment; ● Standard: Backrest angle
Front Passenger Seat Main Adjustments - Fore / Aft	● Standard: Fore-aft adjustment
Height adjustment	-
Front Passenger Seat Main Adjustments - Backrest Angle	● Standard: Backrest angle
Front Passenger Seat Fine Adjustments (Summary)	● Standard: Lumbar
Lumbar	● Standard: Lumbar
Leg rest	-
Second-row Seat Main Adjustments (Summary)	■ Optional: Backrest angleAdjustment
Second-row Seat Main Adjustments - Option	■ Optional: Backrest angleAdjustment
Second-row Seat Fine Adjustments	-
Front Seat Functions	● Standard: Heating; ● Standard: Ventilation; ● Standard: Massage; ● Standard: Memory(driver seat)
Front Seat Functions - Option	● Standard: Heating
Ventilation	● Standard: Ventilation
Memory	-
Massage	● Standard: Massage
Memory(driver seat)	● Standard: Memory(driver seat)
Second-row Seat Functions	■ Optional: Heating; ■ Optional: Ventilation; ■ Optional: Massage
Heating	■ Optional: Heating
Ventilation	■ Optional: Ventilation
Massage	■ Optional: Massage
Third-row Seat Functions	-
Boss Key	Optional
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	-
Audio / Entertainment	-
Center Screen Size (in)	15.6
Center Screen Material	-
Center Screen Resolution (Summary)	1920x1080
Center Screen Resolution 1920x1080	1920x1080
Center Console ColorColorScreen Pixel Density(PPI)	● Standard: 141
141	● Standard: 141
Passenger Screen Size (in)	● Standard: 10.25
10.25	● Standard: 10.25
Passenger Screen Resolution	● Standard: 1920x720
1920x720	● Standard: 1920x720
Passenger Screen Pixel Density(PPI)	● Standard: 200
200	● Standard: 200
Satellite Navigation	Standard
AR Navigation	-
Navigation Traffic Display	Standard
MAP Brand (Summary)	-
Amap	-
Roadside Assistance	Standard
Bluetooth / Car Phone	Standard

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
Phone Mirroring (Summary)	● Standard: HUAWEI HiCar
Phone Mirroring - HUAWEI HiCar	● Standard: HUAWEI HiCar
Phone Mirroring - Factory System	-
Connected Car	Standard
Mobile Network (Summary)	● Standard: 5G
5G	● Standard: 5G
OTA Upgrade	Standard
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	Standard
Wi-Fi Hotspot	Standard
Air Conditioning / Refrigerator	-
Multi-finger Screen Control	Standard
App Store	Standard
Media Interface (Summary)	● Standard: SD card slot; ● Standard: USB/Type-C
SD card slot	● Standard: SD card slot
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	-
In-car TV	-
Rear LCD Screen	-
Simulated Engine Sound	Standard
Karaoke	Standard
Audio Brand	-
EnglishCountryZhi Bao	-
Number of Speakers	● Standard: 14
14	● Standard: 14
25	-
25	-
Sound System Layout	-
Amplifier Max Output Power (W)	-
300	-
2016	-
Seat Speakers (Headrest / Shoulder)	-
SKY Sound Channel	-
Rear Multimedia Controls	-
Bright Moon VenusinteriorPackage	-
Low Beam	LED
High Beam	LED
Daytime Running Lights	Standard
Adaptive High / Low Beam	Standard
Automatic Headlights	Standard

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
Cornering Lights	-
Front Fog Lights	-
Adaptive Front-lighting System (AFS)	-
Headlight Height Adjustment	Standard
Headlight Washers	-
Ambient Lighting	256Color
Active Ambient Lighting	-
Standard	-
Special Lighting Functions	-
Lighting Projection Technology	-
Headlight Delay-off	Standard
Headlamp Rain / Fog Mode	-
Windows / Mirrors	-
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
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
Interior Mirror Functions	● Standard: Automatic anti-glare; ● Standard: Streaming Media
Automatic anti-glare	● Standard: Automatic anti-glare
Streaming Media	● Standard: 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	Optional
Interior Sunshade	-
Rain-sensing Wipers	Standard
Rear Wiper	-
Rear Window Open Method	-
Multi-layer Acoustic Glass	-
Heated Windshield	-
Heated Washer Nozzles	-
NappaLuxuryinteriorLiftLevelsetTrim	-
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	Standard
Cabin PM2.5 Filter	Standard
Negative-ion Generator	Standard
Fragrance System	Optional (RMB 3,000)
AQS Air Quality Management	-
On-board Refrigerator	-
Refrigerator Functions	-

## Smart Features

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
ADAS Operating System (Summary)	● Standard: HUAWEI ADS
HUAWEI ADS	● Standard: HUAWEI ADS
CAR Intelligent System (Summary)	● Standard: HarmonyOS
HarmonyOS	● Standard: HarmonyOS
Vehicle Smart Chip	● Standard: Kirin990A
Kirin990A	● Standard: Kirin990A
Mobile App Remote Control (Summary)	● Standard: Digital key; ● Standard: Charging management; ● Standard: Remote control; ● Standard: Vehicle monitoring; ● Standard: Service appointment
Mobile App Remote Control - Digital Key	● Standard: Digital key
Mobile App Remote Control - Charging Management	● Standard: Charging management
Mobile App Remote Control	● Standard: Remote control
Mobile App Remote Control - Vehicle Monitoring	● Standard: Vehicle monitoring
Mobile App Remote Control - Service Appointment	● Standard: Service appointment
Heat Pump System	Standard
Number of Exterior Cameras	13
Exterior Camera Resolution	-
Interior Camera Count	● Standard: 1
Incar Camera Count 1	● Standard: 1
Incar Camera Count 2	-
Interior Camera Resolution	-
Number of Ultrasonic Radars	12
Millimeter Wave Radar	6
Laser Radar	3
LiDAR Brand	-
Huawei	-
Sub-meter High-precision Positioning	Standard
High-precision Map	Standard
Sentinel Mode	Standard
V2X Communication	-
Optional Package	-
Custom Options	-
VIPFour-SeatpremiumPackage	● Standard: 4-seatLayout, All windowsSeatsVentilation/Massage/Heating, Rear rowSeatsMultifunctional Armrest, Boss Button, Rear rowWireless phone charging, HALO Screen, Flowing AmbientSurroundLightDynamicEffect, Rear rowPrivacy Glass; ■ Optional: Optional (RMB 25,000)
VIPFour-SeatpremiumPackage	4-seatLayout, All windowsSeatsVentilation/Massage/Heating, Rear rowSeatsMultifunctional Armrest, Boss Button, Rear rowWireless phone charging, HALO Screen, Flowing AmbientSurroundLightDynamicEffect, Rear rowPrivacy Glass
VIPFour-SeatpremiumPackage	■ Optional: Optional (RMB 25,000)
Rear rowSmart InteractionsetTrim	-
ExclusiveSportPackage	-
ExclusiveSportPackage	-
OpticalTechnologyPackage	-
interiorComfortPackage	-
interiorComfortPackage	-
premiumPackage	-
interiorluxuryPackage	-
interiorluxuryPackage	-
ExplorerPackage	-
interiorluxuryLiterLevelPackage	-
interiorluxuryLiterLevelPackage	-
ComfortPackage	-
Front rowDualZero GravitySeatsPackage	-

Parameter	Avita 11 2023 90Degree All-Wheel Driveversion
Front rowDualZero GravitySeatsPackage	-
Ultra-Clear Electronic ExteriorRearMirror	-
LuxuryPackage	-
LuxuryPackage	-
ComfortLiterLevelPackage	-
ComfortLiterLevelPackage	-
ComfortLiterLevelPackage	-
EnglishCountryZhi BaoSound SystemPackage	-
EnglishCountryZhi BaoSound SystemPackage	-
EnglishCountryZhi BaoSound SystemPackage	-
SpecialColorConfiguration	-
HALO Screen	■ Optional: Optional (RMB 5,000)
HALO Screen	■ Optional: Optional (RMB 5,000)
HuaweiTRACK	-
HuaweiTRACK	-
IntelligentInductionPowerDoor	■ Optional: Optional (RMB 15,000)
IntelligentInductionPowerDoor	■ Optional: Optional (RMB 15,000)