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AVATR Avita 12 configuration table

	Avita 12 2023 700 triple laser rear drive luxury version	Avita 12 2023 650 triple laser four-wheel drive performance version	Avita 12 2023 650 triple laser four-wheel drive GT version
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Basic parameters

Manufacturer	Avita Technologies	Avita Technologies	Avita Technologies
level	Medium and large cars	Medium and large cars	Medium and large cars
Energy type	pure electric	pure electric	pure electric
time to market	2023.11	2023.11	2023.11
CLTC pure electric cruising range (km)	700	650	650
Fast charging time (hours)	-	-	-
Slow charging time (hours)	-	-	-
Fast charging percentage	30-80	30-80	30-80
Maximum power(kW)	230	425	425
Maximum torque (N · m)	370	650	650
Motor(Ps)	313	578	578
Length*width*height (mm)	5020*1999*1460	5020*1999*1460	5020*1999*1450
Body structure	4-door, 5-seat sedan	4-door, 5-seat sedan	4-door, 5-seat sedan
Maximum speed (km/h)	215	220	220
Official 0-100km/h acceleration (s)	6.7	3.9	3.9
Electric energy equivalent fuel consumption (L/100km)	1.70	1.81	1.81
Vehicle warranty	Five years or 120,000 kilometers	Five years or 120,000 kilometers	Five years or 120,000 kilometers

First owner warranty policy	-	-	-
Body			
Length(mm)	5020	5020	5020
Width(mm)	1999	1999	1999
Height(mm)	1460	1460	1450
Wheelbase(mm)	3020	3020	3020
Front wheelbase (mm)	1688	1688	1688
Rear wheelbase (mm)	1702	1702	1702
Minimum ground clearance with full load (mm)	120	120	120
Approach angle (°)	15	15	13
Departure angle (°)	20	20	18
Longitudinal passage angle (°)	11	11	9
Maximum grade(%)	30	30	30
Minimum turning radius (m)	6.25	6.25	6.25
Body structure	Sedan	Sedan	Sedan
Car door opening method	swing door	swing door	swing door
Number of doors (number)	4	4	4
Number of seats (seats)	5	5	5
Front trunk volume (L)	65	65	65
Trunk volume (L)	350	350	350
Curb weight (kg)	2180	2300	2300
Maximum full load mass (kg)	2580	2700	2700
electric motor			
Motor type	Permanent magnet/synchronous	Front AC/asynchronous rear permanent magnet/synchronous	Front AC/asynchronous rear permanent magnet/synchronous
Total motor power (kW)	230	425	425

Total motor power (Ps)	313	578	578
Total torque of motor (N · m)	370	650	650
Maximum power of front electric motor (kW)	-	195	195
Maximum torque of front electric motor (N · m)	-	280	280
Maximum power of rear electric motor (kW)	230	230	230
Maximum torque of rear electric motor (N · m)	370	370	370
Number of drive motors	single motor	Dual motor	Dual motor
Motor layout	rear	Front + rear	Front + rear
Battery Type	Ternary lithium battery	Ternary lithium battery	Ternary lithium battery
Battery brand	Ningde era	Ningde era	Ningde era
Battery cooling method	liquid cooling	liquid cooling	liquid cooling
CLTC pure electric cruising range (km)	700	650	650
Battery energy (kWh)	94.5	94.5	94.5
Electricity consumption per 100 kilometers (kWh/100km)	15.0	16.0	16.0
Battery pack warranty	Eight years or 160,000 kilometers	Eight years or 160,000 kilometers	Eight years or 160,000 kilometers
Fast charging function	support	support	support
Fast charging power (kW)	240	240	240
High voltage fast charging	support	support	support

Fast charging time (hours)	-	-	-
Slow charging time (hours)	-	-	-
Fast charging capacity(%)	30-80	30-80	30-80
electric motor	230	425	425
gearbox			
Number of gears	1	1	1
Gearbox type	fixed ratio gearbox	fixed ratio gearbox	fixed ratio gearbox
abbreviation	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
chassis steering			
Drive mode	rear wheel drive	Dual motor four-wheel drive	Dual motor four-wheel drive
four-wheel drive	-	Electric four-wheel drive	Electric four-wheel drive
Center differential structure	-	-	-
Front suspension type	Double wishbone independent suspension	Double wishbone independent suspension	Double wishbone independent suspension
rear suspension type	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension
Assist type	electric assist	electric assist	electric assist
Body structure	Load-bearing	Load-bearing	Load-bearing
wheel brake			
Front brake type	ventilated disc	ventilated disc	ventilated disc
rear brake type	ventilated disc	ventilated disc	ventilated disc
Parking brake type	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	265/45 R20	265/45 R20	265/40 R21
Rear tire specifications	265/45 R20	265/45 R20	265/40 R21
Spare tire specifications	-	-	-
passive safety			
Main/passenger seat airbag	Main ● Deputy ●	Main ● Deputy ●	Main ● Deputy ●

Front/rear side airbags	Main ● Deputy ●	Main ● Deputy ●	Main ● Deputy ●
Front/rear head airbags (curtain airbags)	Main ● Deputy ●	Main ● Deputy ●	Main ● Deputy ●
Tire pressure monitoring function	● Tire pressure display	● Tire pressure display	● Tire pressure display
Run-flat tires	-	-	-
Seat belt not fastened reminder	● Front row	● Front row	● Front row
ISOFIX child seat interface	●	●	●
ABS anti-lock	●	●	●
Braking force distribution (EBD/CBC, etc.)	●	●	●
Brake assist (EBA/BAS/BA, etc.)	●	●	●
Traction control (ASR/TCS/TRC, etc.)	●	●	●
Body stability control (ESC/ESP/DSC, etc.)	●	●	●
active safety			
Lane Departure Warning System	●	●	●
Active braking/active safety system	●	●	●
Fatigue driving tips	●	●	●
DOW opening warning	●	●	●
forward collision warning	●	●	●
rear collision warning	●	●	●
Sentry mode/clairvoyance	●	●	●
Low speed warning	●	●	●
Built-in driving recorder	●	●	●

roadside assistance call	●	●	●
Anti-rollover system	●	●	●
Driving control			
Driving mode switch	● Sports ● Economy ● Standard/Comfortable ● Customized/Personalized	● Sports ● Economy ● Standard/Comfortable ● Customized/Personalized	● Sports ● Economy ● Standard/Comfortable ● Customized/Personalized
energy recovery system	●	●	●
automatic parking	●	●	●
Hill assist	●	●	●
steep descent	●	●	●
Variable suspension function	○ Suspension soft and hard adjustment ○ Suspension height adjustment	○ Suspension soft and hard adjustment ○ Suspension height adjustment	● Suspension soft and hard adjustment ● Suspension height adjustment
air suspension	○	○	●
driving hardware			
Front/rear parking radar	before ● after ●	before ● after ●	before ● after ●
Driving assistance images	● 360-degree panoramic image	● 360-degree panoramic image	● 360-degree panoramic image
Transparent chassis/540 degree image	●	●	●
Assisted driving chip	● Huawei MDC 810	● Huawei MDC 810	● Huawei MDC 810
Chip total computing power	● 400 TOPS	● 400 TOPS	● 400 TOPS
Number of cameras	● 11 pieces	● 11 pieces	● 11 pieces
Ultrasonic radar quantity	● 12 pieces	● 12 pieces	● 12 pieces
Millimeter wave radar quantity	● 3 pieces	● 3 pieces	● 3 pieces
LiDAR quantity	● 3 pieces	● 3 pieces	● 3 pieces
driving function			
cruise system	● Full-speed adaptive cruise	● Full-speed adaptive cruise	● Full-speed adaptive cruise

Assisted driving system	●AVATRANS	●AVATRANS	●AVATRANS
Assisted driving level	●L2	●L2	●L2
Reverse side warning system	●	●	●
satellite navigation system	●	●	●
Navigation traffic information display	●	●	●
HD map	●	●	●
Parallel assistance	●	●	●
Lane Keeping Assist System	●	●	●
Lane centering	●	●	●
Road traffic sign recognition	●	●	●
Automatic parking	●	●	●
remote control parking	●	●	●
Automatic lane change assist	●	●	●
Automatic ramp exit (entry)	●	●	●
Traffic light identification	●	●	●
Steering wheel hand off detection	●	●	●
Autonomous driving assistance road section	○Urban sections ● High-speed sections	○Urban sections ● High-speed sections	○Urban sections ● High-speed sections
Appearance/anti-theft			
Sport appearance package	○	○	●
Electric spoiler	●	●	●
Rim material	●Aluminum alloy	●Aluminum alloy	●Aluminum alloy
Electric suction door	○The whole car	●The whole car	●The whole car
Automatic opening and closing of car doors	○	○	●
Frameless design door	●	●	●

Electric trunk	●	●	●
Electric trunk position memory	●	●	●
Central locking in car	●	●	●
Key type	●Bluetooth key ● NFC/RFID key	●Bluetooth key ● NFC/RFID key	●Bluetooth key ● NFC/RFID key
Keyless start system	●	●	●
Keyless entry function	●The whole car	●The whole car	●The whole car
Hidden electric door handle	●	●	●
Remote start function	●	●	●
Battery preheating external discharge	●	●	●
exterior lights			
low beam light source	●LED	●LED	●LED
high beam light source	●LED	●LED	●LED
LED daytime running lights	●	●	●
Adaptive high and low beam	●	●	●
automatic headlight	●	●	●
car front fog lights	-	-	-
Headlight height adjustable	●	●	●
Delayed turn off of headlights	●	●	●
skylight/glass			
Skylight type	●The panoramic sunroof cannot be opened	●The panoramic sunroof cannot be opened	●The panoramic sunroof cannot be opened
Light-sensing awning	-	-	●
Front/rear electric windows	before ● after ●	before ● after ●	before ● after ●
One-touch window lifting function	●The whole car	●The whole car	●The whole car
Window anti-pinch function	●	●	●

Multilayer soundproof glass	● Front row	● Front row	● Front row
Rear side privacy glass	○	●	●
Car vanity mirror	● Main driver + lighting ● Co-pilot + lighting	● Main driver + lighting ● Co-pilot + lighting	● Main driver + lighting ● Co-pilot + lighting
rear wiper	-	-	-
Sensing wiper function	● Rain sensor type	● Rain sensor type	● Rain sensor type
exterior rearview mirror			
Exterior rearview mirror function	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Rearview mirror heating ● Automatic flip down when reversing ● Automatic folding when locking the car ○ Automatic anti-dazzle	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Rearview mirror heating ● Automatic flip down when reversing ● Automatic folding when locking the car ○ Automatic anti-dazzle	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Rearview mirror heating ● Automatic flip down when reversing ● Automatic folding when locking the car ○ Automatic anti-dazzle
Electronic exterior mirror function	○	○	○
Electronic exterior mirror display	○ Dual 6.7 inches	○ Dual 6.7 inches	○ Dual 6.7 inches
screen/system			
Central control color screen	● Touch LCD screen	● Touch LCD screen	● Touch LCD screen
Central control screen size	● 15.6 inches	● 15.6 inches	● 15.6 inches
Bluetooth/car phone	●	●	●
Mobile phone interconnection/map ping	●	●	●

Voice recognition control system	<ul style="list-style-type: none"> ● Multimedia system ● Navigation ● Telephone ● Air conditioning ● Seat heating ● Seat ventilation ● Seat massage 	<ul style="list-style-type: none"> ● Multimedia system ● Navigation ● Telephone ● Air conditioning ● Seat heating ● Seat ventilation ● Seat massage 	<ul style="list-style-type: none"> ● Multimedia system ● Navigation ● Telephone ● Air conditioning ● Seat heating ● Seat ventilation ● Seat massage
gesture control	●	●	●
face recognition	●	●	●
Vehicle intelligent system	● HarmonyOS	● HarmonyOS	● HarmonyOS
Multi-finger flying screen control	●	●	●
Voice wake word free	●	●	●
Voice area wake-up recognition	● Four areas	● Four areas	● Four areas
Speech continuous recognition	●	●	●
It can be said that it is visible	●	●	●
Intelligent configuration			
Internet of Vehicles	●	●	●
4G/5G network	● 5G	● 5G	● 5G
OTA upgrade	●	●	●
Wi-Fi hotspot	●	●	●
In-vehicle biometric monitoring system	●	●	●
Mobile APP remote function	<ul style="list-style-type: none"> ● Door control ● Window control ● Vehicle start ● Charging management ● Light control ● Air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle positioning/car search 	<ul style="list-style-type: none"> ● Door control ● Window control ● ● Vehicle start ● Charging management ● Light control ● Air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle positioning/car search 	<ul style="list-style-type: none"> ● Door control ● Window control ● Vehicle start ● Charging management ● Light control ● Air conditioning control ● Vehicle condition inquiry/diagnosis ● Vehicle positioning/car search
Active noise reduction	●	●	●

simulated sound	●	●	●
Steering wheel/interior rearview mirror			
Steering wheel material	●Genuine leather	●Genuine leather	●Genuine leather
Steering wheel position adjustment	●Electric up and down + front and rear adjustment	●Electric up and down + front and rear adjustment	●Electric up and down + front and rear adjustment
Shift pattern	●Electronic gear shifting	●Electronic gear shifting	●Electronic gear shifting
Multifunction steering wheel	●	●	●
steering wheel gear shift	-	-	-
Steering wheel heating	●	●	●
steering wheel memory	●	●	●
Trip computer display screen	●Color	●Color	●Color
Full LCD instrument panel	●	●	●
LCD instrument size	-	-	-
Interior rearview mirror function	●Auto-dimming ● Streaming media rearview mirror	●Auto-dimming ● Streaming media rearview mirror	●Auto-dimming ● Streaming media rearview mirror
Charging in car			
Multimedia/charging interface	●USB ●Type-C	●USB ●Type-C	●USB ●Type-C
Number of USB/Type-C interfaces	●2 in the front row/1 in the back row	●2 in the front row/1 in the back row	●2 in the front row/1 in the back row
Mobile phone wireless charging function	●Front row	●Front row	●Front row
Mobile phone wireless charging power	●50W	●50W	●50W
Luggage compartment 12V power interface	●	●	●
Seat configuration			

seat material	●Genuine leather	●Genuine leather	●Genuine leather
Main seat adjustment method	●Front and rear adjustment ●Backrest adjustment ●Height adjustment (4-way) ○Leg rest adjustment ●Waist support (4-way)	●Front and rear adjustment ●Backrest adjustment ●Height adjustment (4-way) ○Leg rest adjustment ●Waist support (4-way)	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Leg rest adjustment ●Waist support (4-way)
Secondary seat adjustment method	●Front and rear adjustment ●Backrest adjustment ●Height adjustment (4-way) ○Leg rest adjustment ●Waist support (4-way)	●Front and rear adjustment ●Backrest adjustment ●Height adjustment (4-way) ○Leg rest adjustment ●Waist support (4-way)	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Leg rest adjustment ●Waist support (4-way)
Main/passenger seat electric adjustment	Main ●Deputy ●	Main ●Deputy ●	Main ●Deputy ●
Front seat functions	● Heating ● Ventilation ● Massage	● Heating ● Ventilation ● Massage	● Heating ● Ventilation ● Massage
Power seat memory function	● Driver's seat ● Co-pilot's seat	● Driver's seat ● Co-pilot's seat	● Driver's seat ● Co-pilot's seat
Adjustable buttons for the passenger seat and rear row	●	●	●
Second row seat adjustment	-	-	-
Second row seat functions	●Heating	●Heating	●Heating
Rear seats fold down	●Inverted proportions	●Inverted proportions	●Inverted proportions
Front/rear center armrest	before ● after ●	before ● after ●	before ● after ●
Rear cup holder	●	●	●
Audio/interior lighting			
Speaker brand name	-	-	-
Number of speakers	● 14 speakers ○ 27 speakers	● 27 speakers	● 27 speakers
touch reading light	●	●	●
Car interior ambient lighting	●64 colors	●64 colors	●64 colors

Air conditioner/refrigerator			
Air conditioning temperature control method	● Automatic air conditioning	● Automatic air conditioning	● Automatic air conditioning
heat pump air conditioner	●	●	●
Independent air conditioning in the rear	-	-	-
Rear seat air outlet	●	●	●
Temperature zone control	●	●	●
Car air purifier	●	●	●
In-car PM2.5 filter device	●	●	●
negative ion generator	●	●	●
Car fragrance device	●	●	●
Optional package			
	20-inch starburst six-spoke low-resistance wheels ADS high-end function package (1) 21-inch beam multi-spoke sports wheels 21-inch air-spun five-spoke sports wheels front dual zero-gravity seats ultra-clear electronic exterior mirror kit high performance Air suspension kit Comfort kit Intelligent welcome kit	20-inch starburst six-spoke low-resistance wheels, ADS high-end function package, 21-inch beam multi-spoke sports wheels, 21-inch air-spun five-spoke sports wheels, front dual zero-gravity seats, ultra-clear electronic exterior mirror kit, high-performance air suspension kit Smart Welcome Kit	21-inch pneumatic five-spoke sports wheels ADS high-end function package ultra-clear electronic exterior mirror kit

Exterior color	Obsidian gray, bright white, mountain blue, ink gray (matte), fog green, twilight purple (matte), obsidian black, cloud purple	Cloud purple, mountain blue, bright white, ink gray (matte), fog green, sun purple (matte), obsidian black, obsidian gray	Mountain blue, ink gray (matte), fog green, twilight purple (matte), obsidian black, bright white, obsidian gray, cloud purple
interior color	Twilight purple/smoke white, stone blue, jet black	Twilight purple/smoke white, stone blue, jet black	Twilight purple/smoke white, stone blue, jet black
Note: ● Standard ○ Optional - None			