



AVATR 12



Exterior Design





Exterior Color Display



Glossy white
皓白



Glossy grey
曜灰



Slate blue
山蓝



Glossy black
曜黑



Liquid caramel
晖金



Misty purple
云紫



Matt color-Matte purple
哑光色-曦紫

Interior decoration



Misty purple / Cotton white

暮紫/烟白



Elite black

墨黑



Slate blue

石蓝

Vehicle Display



Panoramic Sunroof with color-changing function by light adaption



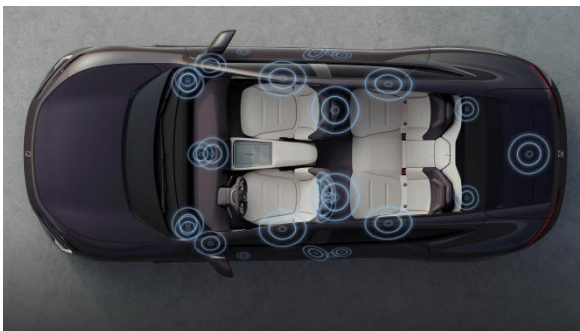
Delicate NAPPA seat and NAPPA steering wheel



Hand-made panel forged by natural European real wood and the automotive charging panel with double 50W power



Encircling instrument panel and 3D light



7.1.4 immersive panorama sound system



Seamless transitions and unlimited interaction



Battery pack compatible with batteries of 90kWh~135kWh, supporting
ultra-long driving range of 700km+;
Adaptive to DC fast charging piles with charging voltage of 450 V~900 V, 200
KM range only need 10 minutes of charging



Ultra wide application ecology



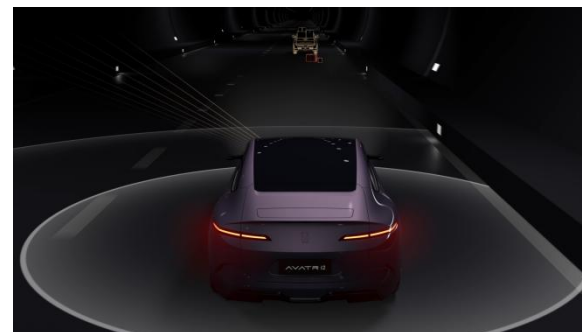
Electronic door mirror



The interactive HALO Screen crafted by 10,500 lamp beads



With 8 air bags and 19 vehicle active safety functions
It features GOD Automatic Emergency Braking (GAEB)



Pioneer General Obstacle Detection with laser fusion
Restore nighttime road conditions with millions of 3D point clouds

Product Introduction

Avatar 12 is a high-end smart electric vehicle launched by AVATR Technology, AVATR Technology was founded in 2018 with a registered capital of RMB 1,172,242,578,000, is a global brand of high-end smart electric vehicles (SEVs), and is a joint venture between Changan Automobile, Huawei, and CATL. AVATR is inspired by the ancient Sanskrit word "avatar", meaning embodiment. At AVATR, the word is interpreted in a more profound way, that is, to enable each user to create another self in an intelligent parallel world, becoming "your most emotional intelligent companion". Supported by Changan Automobile, Huawei, and CATL in vehicle R&D and intelligent manufacturing, intelligent vehicle solutions, and intelligent energy ecology, AVATR Technology is making the most of the jointly built CHN, featuring an all new SEV architecture with "a new architecture, strong computing power, and high-voltage charging capability". The company is headquartered in Chongqing, China, with branches in Shanghai, China and Munich, Germany.

Avita current production models: Avita 11, Avita 12.

		● Standard configuration	○Optional	-None
CONFIGURATION	2024 700 Three-Lidar RWD Intelligent Edition	2024 700 Three-Lidar RWD Luxury Edition	2024 650 Three-Lidar AWD Performance Edition	2024 650 Three-Lidar AWD GT Edition
	700 三激光后驱智享版	700 三激光后驱奢享版	650 三激光四驱性能版	650 三激光四驱 GT 版
Basic parameters/基本参数				
L*W*H (mm)/长*宽*高（mm）	5020*1999*1460	5020*1999*1460	5020*1999*1450	5020*1999*1450
Wheelbase (mm)/轴距（mm）	3020			
Number of seats/座位数	5 seats			
Curb weight (kg)/整备质量（kg）	2180	2180	2300	2300
Vehicle performance/整车性能				
Drive type/驱动形式	Single motor RWD 单电机后驱	Single motor RWD 单电机后驱	Dual motor AWD 双电机四驱	Dual motor AWD 双电机四驱
Multiple driving modes/多种驾驶模式	●			
0-100km/h acceleration time(s)/ 0-100km/h 加速时间（s）	6.7	6.7	3.9	3.9
Maximum speed (km/h)/最高车速（km/h）	215	215	220	220
Powertrain/动力系统				
Electric motor power (kW)/电机功率（kW）	Rear 230	Rear 230	Front 195/Rear 230	Front 195/Rear 230
Electric motor torque (N·m)/电机扭矩（N·m）	Rear 370	Rear 370	Front 280/Rear 370	Front 280/Rear 370
Maximum total output power (kW)/最大输出总功率（kW）	230	230	425	425
Maximum total output torque (N·m)/最大输出总扭矩（N·m）	370	370	650	650
Battery type/动力电池类型	Ternary lithium battery 三元锂电池			
CLTC range under comprehensive working conditions (km)/ CLTC 综合工况续航里程（km）	700	700	650	650
Total battery capacity (kWh)/动力电池总容量（kWh）	94.5			
0-80% SOC (240kW) super charging/0-80% SOC（240kW）超充	30min			
30-80% SOC (240kW) super charging/30-80% SOC（240kW）超充	20min			
0-100% SOC (11kW) regular charging/0-100% SOC（11kW）慢充	≤11h			
Chassis system/底盘系统				
Suspension type/悬架类型	Front double wishbone suspension/ Rear mult link suspension	Front double wishbone suspension/ Rear mult link suspension	Front double wishbone suspension/ Rear mult link suspension	Front double wishbone suspension/ Rear mult link suspension
Air suspension/高性能空气悬架系统	-	○	●	●
Continuous Damping Control (CDC)/高性能 CDC 动态悬架阻尼控制	-	○	●	●
EPS according to speed/随速可变电子助力转向	●			
Front and rear ventilated disc brake/前后通风盘式制动	●			
Braking energy recovery system/制动能量回收系统	●			

		● Standard configuration	○Optional	-None
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Safety configuration/安全配置				
Anti-lock Brake System (ABS)/制动防抱死系统 (ABS)			●	
Electronic Brake Force Distribution System (EBD)/制动力分配系统 (EBD)			●	
Electronic Stability Program (ESP)/车身电子稳定系统 (ESP)			●	
Traction Control System (TCS)/牵引力控制系统 (TCS)			●	
Brake Assist System (BA)/刹车辅助系统 (BA)			●	
Hill Hold Control (HHC)/坡道辅助系统 (HHC)			●	
Hill Descent Control (HDC)/陡坡缓降系统 (HDC)			●	
Dynamic Brake Function (DBF)/动态驻车系统 (DBF)			●	
Rollover Mitigation System (ROM)/防侧翻系统 (ROM)			●	
Electronic Parking Brake (EPB)/电子驻车制动 (EPB)			●	
HUAWEI DriveOne iTRACK/华为 DriveONE iTRACK			●	
AUTOHOLD/自动驻车			●	
Front airbag x2/前排气囊 x2			●	
Front side airbag x2/前排侧气囊 x2			●	
Rear side airbag x2/后排侧气囊 x2			●	
Front and rear air curtain x2/前后排一体式安全气帘 x2			●	
Front safety belt unfasten alert/前排安全带未系提醒			●	
Tire Pressure Monitoring System (TPMS)/ TPMS 直接式胎压监测系统			●	
Rear door electronic child safety lock/后门电子儿童安全锁			●	
Anti-theft alarm system/防盗警报系统			●	
Various exterior low speed warning sounds/多种车外低速提示音			●	
Exterior configuration/外部配置				
Front trunk with 65L capacity/ 65 升前备箱			●	
Frameless doors/全车无框车门			●	
Soft-closing doors/静音电吸门	-	●	●	●
Automatic door handles/电动隐藏门把手			●	
Electric tailgate/电动尾门			●	
Hatchback with no rear window design/无后舷窗掀背设计			●	
Intelligent windshield/智能感光变色前风挡	-	-	-	●
Intelligent panoramic sunroof/智能感光变色全景天幕	-	-	-	●
Soundproof windows (front row)/前排双层静谧隔音玻璃			●	

		● Standard configuration	○Optional	-None
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Rear privacy glasses/后排隐私玻璃	-	●	●	●
One touch up/down glass with anti-pinch function/ 四门电动车窗一键升降带防夹功能	●			
FHD electronic exterior mirrors/超清电子外后视镜	-	○	○	●
Exterior mirror auto-dimming/外后视镜自动防眩目	-	○	○	●
Exterior mirror heating/外后视镜电加热除雾	●			
Exterior mirror reverse tilt assist/外后视镜倒车辅助	●			
LED star tour front lamp system/全 LED 星旋式曲率灯组	●			
Automatic adjustment for far and near light/远近光自动调节	●			
Electronic adjustment for headlamp height/大灯高度电子调节	●			
LED star ring tail lamp/全 LED 星轨式流光尾灯	●			
LED rear combined lamp/LED 后方组合大灯	●			
Front and rear luminated logo/前后光影 Logo	●			
Front door luminated logo/前门迎宾 Logo 灯	-	○	○	●
Electric charging port lid (including indicator)/电动感应充电电口盖（含指示灯）	●			
Rain sensing wiper/雨量感应雨刮	●			
Rear camera cleaning function/内后视镜摄像头清洗功能	●			
Speed adaptive spoiler/帆式主动升降尾翼	●			
Interior configuration/内部配置				
Multi-function steering wheel/多功能运动方向盘	●			
Steering wheel material/方向盘材质	●NAPPA leather			
Steering wheel heating/方向盘加热	●			
Steering wheel with 4-direction electric adjustment/方向盘 4 向电动调节	●			
Steering wheel hands off detection/电容式方向盘离手检测(HOD)	●			
Electric column shift/电子怀挡	●			
Roof material/顶棚材质	●Fabric 织物	●Suede 类麂皮	●Suede 类麂皮	●Suede 类麂皮
Front sunshield/前排遮阳板	●			
FHD digital interior mirror/超清广角电子内后视镜	●			
Interior mirror auto-dimming/内后视镜自动防眩目	●			
LED reading lamp/ LED 触控阅读灯	●			
3D beam rhythm ambient Lighting/3D 光束律动氛围灯	●64 colors			
12V power supply/12V 电源	1pc			

		● Standard configuration	○Optional	-None
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USB interface/USB 接口	3 pcs (2 Type C+1 Type A)			
On-board tool kit/随车工具包	●			
Air conditioning system/空调系统				
Dual zone automatic air conditioning system/双温区自动空调系统	●			
Heat pump air conditioning/热泵空调	●			
PTC heating/PTC 加热	●			
Front windshield auto defrosting/前风挡自动除霜除雾	●			
Front concealed electric AC vents/前排电动隐藏式出风口	●			
Intelligent air purification system (AQS)/智能空气净化系统 AQS	●			
Interior PM2.5 sensor/车内 PM2.5 传感器	●			
Anion generator/负离子发生器	●			
Seat system/座椅系统				
Seat material/座椅面料	●Microfiber leather	●NAPPA leather	●NAPPA leather	●NAPPA leather
Front seat with 6 direction electric adjustment/前排座椅 6 向电动调节	●	-	-	-
Front seat with 8 direction electric adjustment/前排座椅 8 向电动调节	-	●	●	●
Front seat headrest with 2-direction electric adjustment/ 前排座椅头枕 2 向电动调节	-	●	●	●
Front seat lumbar support with 4-direction electric adjustment/ 前排座椅腰托 4 向电动调节	-	●	●	●
Front seat leg support with 2-direction electric adjustment/ 前排座椅腿托 2 向电动调节	-	●Limited-time present 限时赠送	●Limited-time present 限时赠送	●
Front double zero-gravity seats/前排双零重力座椅	-	●Limited-time present 限时赠送	●Limited-time present 限时赠送	●
Front seat heating/前排座椅加热	●			
Front seat ventilation/前排座椅通风	-	●	●	●
Front seat massage/前排座椅按摩	-	●	●	●
Driver seat memory seat and easy entry & exit/主驾座椅记忆及轻松进出功能	●			
Passenger seat memory seat and easy entry & exit/ 副驾座椅记忆及轻松进出功能	-	●	●	●
Passenger seat boss key/副驾老板键	-	●	●	●
Rear seat with 4/6 point to put down/后排座椅 4/6 分放倒	●			
Rear seat heating/后排座椅加热	-	●	●	●
ISOFIX child safety seat interface/ ISOFIX 儿童安全座椅接口	●			

		● Standard configuration	○Optional	-None
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Intelligent system/智能系统				
HALO interactive screen/HALO 交互屏	-	○	○	●
Intelligent courtesy light/智能迎宾灯语	●			
Intelligent electrical door/智能感应电动门	-	○	○	●
Smartphone bluetooth key/手机蓝牙钥匙	●			
NFC card key/NFC 卡片钥匙	●			
HarmonyOS cockpit/鸿蒙座舱	●			
35.4 inch and 4K integrated remote screen/35.4 英寸 4K 一体远端屏	●			
15.6 inch intelligent central screen/15.6 英寸智慧中控屏	●			
Multi-screen intelligent connection/多屏智慧互联	●			
Mobile phone fast charging panel(50Wx2)/双 50W 手机超充浮岛	●			
4 mics for voice recognition/四分区声源定位	●			
Fatigue monitoring/疲劳监测	●			
Cabin detection/离车座舱感知功能	●			
APP remote control/ APP 互联控制	●			
Wi-Fi hotspot sharing/ Wi-Fi 热点分享	●			
Bluetooth connection/蓝牙连接	●			
In-car APP environment/车载应用生态	●			
Transparent chassis/全景透明底盘	●			
360° around view monitor(AVM)/ 360°全景环视（AVM）	●			
3D environment simulation display/ 3D 环境模拟显示	●			
Front camera recorder/行车记录仪	●			
Sentry mode/哨兵模式	●			
HIFI system/音响系统				
Immersive surround sound system/沉浸式环绕声场	●14 loudspeakers	-	-	-
7.1.4 Immersive panorama sound system/ 7.1.4 沉浸式全景声场	-	●27 loudspeakers (including headrest sound)/扬声器（含头枕音响）	●27 loudspeakers (including headrest sound)/扬声器（含头枕音响）	●27 loudspeakers (including headrest sound)/扬声器（含头枕音响）
Speed adaptive sound adjustment/随速音量智能调节	●	●	●	●
ASE sound wave/ ASE 主动声浪	●	●	●	●

			● Standard configuration	○Optional	-None
CONFIGURATION		2024	2024	2024	2024
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Intelligent driving assistance system/ 智能驾驶辅助系统					
AVATRUST super-sensing system/AVATRUST 超感系统	Laser radar x3/激光雷达 x3			●	
	Millimeter-wave radar x3/毫米波雷达 x3			●	
	HD camera x11/高清摄像头 x11			●	
	Ultrasonic-wave radar x12/超声波雷达 x12			●	
AVATRUST super-sensing system 驾驶安全与辅助	Assistance Forward Collision Warning (FCW)/ 前向碰撞预警 (FCW)			●	
	Automatic Emergency Braking (AEB)/ 自动紧急制动 (AEB)			●	
	God Automatic Emergency Braking (GAEB)/ 异形障碍物自动紧急制动 (GAEB)			●	
	Lower-speed Automatic Emergency Braking (LAEB)/低速自动紧急制动 (LAEB)			●	
	Front Cross Traffic Alert (FCTA)/ 前向横穿碰撞预警 (FCTA)			●	
	Front Cross Traffic Braking (FCTB)/ 前向横穿碰撞制动 (FCTB)			●	
	Rear Collision Warning (RCW)/ 后向碰撞预警 (RCW)			●	
	Rear Cross Traffic Alert (RCTA)/ 后向横穿碰撞预警 (RCTA)			●	
	Rear Cross Traffic Braking (RCTB)/ 后向横穿碰撞制动 (RCTB)			●	
	Rear Automatic Emergency Braking (RAEB)/ 后向自动紧急制动 (RAEB)			●	
	Traffic Sign Recognition (TSR)/ 交通标志识别 (TSR)			●	
	Traffic Light Recognition (TLR)/ 交通信号灯识别 (TLR)			●	
	Traffic Sign Assist(TSA)/超速告警 (TSA)			●	
	Door Opening Warning (DOW)/ 开门预警 (DOW)			●	

			● Standard configuration	○Optional	-None
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	Lane Departure Warning (LDW)/ 车道偏离预警 (LDW)			●	
	Blind Spot Detection (BSD)/ 盲区监测预警 (BSD)			●	
	Lane Keeping Assist (LKA)/ 车道保持辅助 (LKA)			●	
	Emergent Lane Keeping Assist(ELKA)/ 紧急车道保持辅助 (ELKA)			●	
	Lateral Obstacle Collision Prevention (LOCP)/ 侧向障碍物防碰撞 (LOCP)			●	
AVATRANS intelligent pilot system/ AVATRANS 智能领航系统	Adaptive Cruise Control (ACC)/ 自适应巡航辅助 (ACC)			●	
	Highway Lane Cruising Control (Highway LCC)/ 高速车道巡航辅助 (Highway LCC)			●	
	City Lane Cruise Control (City LCC)/ 城区车道巡航辅助 (City LCC)			●	
Automatic Parking Assist (APA)/智能泊车辅助 (APA)				●	
Individualization/个性化					
Wheel hub/Brake caliper type/ 轮毂	20" asterism type wheel with 265/45 R20 tire/ 20 英寸星芒六辐低阻轮胎 (配 265/45 R20 轮胎)	●	●	●	-
	21" light type wheel with 265/40 R21 tire +Brembo red fixed caliper/ 21 英寸光索多辐运动轮胎 (配 265/40 R21 轮胎) +Brembo 全铝四活塞珊瑚红定钳	○	○	○	●
	21" cyclone type wheel with 265/40 R21 tire +Brembo red fixed caliper/ 21 英寸气旋五辐运动轮胎 (配 265/40 R21 轮胎) +Brembo 全铝四活塞珊瑚红定钳	○	○	○	○
Option/选装包					
Sports package/运动套件		-	○	○	●

			● Standard configuration	○Optional	-None
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High performance air suspension package/ 高性能空悬套装	Air suspension/ 高性能空气悬架系统	-	○	●	●
	Continuous Damping Control (CDC)/ 高性能 CDC 动态悬架阻尼控制	-	○	●	●
FHD electronic exterior mirror package/超清电子外后视镜	FHD electronic exterior mirror/ 超清电子外后视镜	-	○	○	●
	Exterior mirror auto-dimming/ 外后视镜自动防眩目	-	○	○	●
	Intelligent electrical door/智能感应电动门	-	○	○	●
Intelligent courtesy package/ 智能迎宾套装	HALO interactive screen/ HALO 交互屏	-	○	○	●
	Front door luminated logo/前门迎宾 Logo 灯	-	○	○	●