

 ZHYT Auto Import and Export	AVATR 12 Max Hybrid car Edition	AVATR 12 Ultra Hybrid car Edition	AVATR 12 Max rear-wheel drive pure electric Edition	AVATR 12 Max 4WD pure electric Edition	AVATR 12 Ultra 4WD pure electric Edition	AVATR 12 Master 4WD pure electric Edition	AVATR 12 Royal Theatre Edition
Basic Information							
<u>Manufacturer</u>	AVATR Technologies	AVATR Technologies	AVATR Technologies	AVATR Technologies	AVATR Technologies	AVATR Technologies	AVATR Technologies
<u>level</u>	Medium and large cars	Medium and large cars	Medium and large cars	Medium and large cars	Medium and large cars	Medium and large cars	Medium and large cars
<u>Energy Type</u>	Extended Range	Extended Range	Pure Electric	Pure Electric	Pure Electric	Pure Electric	Pure Electric
<u>Availability</u>	2024.11	2024.11	2024.11	2024.11	2024.11	2024.11	2024.11
<u>Electric Motor</u>	Extended range 314 horsepower	Extended range 314 horsepower	Pure electric 322 horsepower	Pure electric 547 horsepower	Pure electric 547 horsepower	Pure electric 547 horsepower	Pure electric 547 horsepower
<u>Pure electric range (km) Ministry of Industry and Information Technology</u>	201	201	755	705	705	705	705
<u>Pure electric range (km) WLTC</u>	201	201	-	-	-	-	-
<u>Pure electric range (km) CLTC</u>	245	245	755	705	705	705	705
<u>Comprehensive cruising range (km) Ministry of Industry and Information Technology</u>	1155	1155	-	-	-	-	-
<u>Comprehensive cruising range (km) CLTC</u>	1155	1155	-	-	-	-	-
<u>High voltage fast charging platform</u>	-	-	• 800V	• 800V	• 800V	• 800V	• 800V
<u>Charging time (hours)</u>	Fast charge 0.25 hours Slow charge 7 hours	Fast charge 0.25 hours Slow charge 7 hours	Fast charge 0.33 hours Slow charge 11 hours	Fast charge 0.33 hours Slow charge 11 hours	Fast charge 0.33 hours Slow charge 11 hours	Fast charge 0.33 hours Slow charge 11 hours	Fast charge 0.33 hours Slow charge 11 hours
<u>Fast charging capacity (%)</u>	30-80	30-80	30-80	30-80	30-80	30-80	30-80
<u>Maximum power (kW)</u>	231(314Ps)	231(314Ps)	237(322Ps)	402(547Ps)	402(547Ps)	402(547Ps)	402(547Ps)
<u>Maximum torque (N·m)</u>	367	367	396	687	687	687	687
<u>Gearbox</u>	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
<u>Length x width x height (mm)</u>	5020x1999x1460	5020x1999x1450	5020x1999x1460	5020x1999x1460	5020x1999x1450	5020x1999x1450	5020x1999x1450
<u>Body structure</u>	4-door 5-seater sedan	4-door 5-seater sedan	4-door 5-seater sedan	4-door 5-seater sedan	4-door 5-seater sedan	4-door 5-seater sedan	4-door 5-seater sedan
<u>Maximum speed (km/h)</u>	190	190	215	200	220	220	220
<u>Official 0-100km/h acceleration time (s)</u>	6.7	6.7	6.1	3.8	3.8	3.8	3.8
<u>WLTC comprehensive fuel consumption (L/100km)</u>	0.53	0.53	-	-	-	-	-
<u>Power consumption per 100 km (kWh/100km)</u>	19.1kWh	19.1kWh	14.4kWh	15.2kWh	15.2kWh	15.2kWh	15.2kWh
<u>Electric energy equivalent fuel consumption (L/100km)</u>	2.16	2.16	1.67	1.76	1.76	1.76	1.76
<u>Minimum state-of-charge fuel consumption (L/100km) Ministry of Industry and Information Technology</u>	5.8	5.8	-	-	-	-	-
<u>Vehicle warranty period</u>	5 years or 120,000 km	5 years or 120,000 km	5 years or 120,000 km	5 years or 120,000 km	5 years or 120,000 km	5 years or 120,000 km	5 years or 120,000 km
Body							
<u>Length(mm)</u>	5020	5020	5020	5020	5020	5020	5020
<u>Width(mm)</u>	1999	1999	1999	1999	1999	1999	1999
<u>Height(mm)</u>	1460	1450	1460	1460	1450	1450	1450
<u>Wheelbase(mm)</u>	3020	3020	3020	3020	3020	3020	3020
<u>Front wheel track (mm)</u>	1688	1688	1688	1688	1688	1688	1688
<u>Rear wheelbase(mm)</u>	1702	1702	1702	1702	1702	1702	1702
<u>Minimum ground clearance (mm)</u>	-	-	-	-	-	-	-
<u>Body structure</u>	Sedan	Sedan	Sedan	Sedan	Sedan	Sedan	Sedan
<u>Number of doors</u>	4	4	4	4	4	4	4
<u>Door opening method</u>	Swing door	Swing door	Swing door	Swing door	Swing door	Swing door	Swing door
<u>Number of seats</u>	5	5	5	5	5	5	5
<u>Curb weight(kg)</u>	2255	2255	2255	2365	2365	2365	2365
<u>Full load mass (kg)</u>	2710	2710	2625	2765	2765	2765	2765
<u>Fuel tank capacity(L)</u>	-	-	-	-	-	-	-
<u>Front luggage compartment volume (L)</u>	-	-	65	65	65	65	65
<u>Luggage compartment volume (L)</u>	425	425	490	490	490	490	490
<u>Minimum turning radius</u>	-	-	-	-	-	-	-
engine							
<u>Engine Model</u>	JL469ZQ1	JL469ZQ1	-	-	-	-	-

<u>Displacement (mL)</u>	1497	1497	~	~	~	~	~
<u>Displacement(L)</u>	1.5	1.5	~	~	~	~	~
<u>Air intake form</u>	Turbocharger	Turbocharger	~	~	~	~	~
<u>Engine layout</u>	Sideways	Sideways	~	~	~	~	~
<u>Cylinder arrangement</u>	L	L	~	~	~	~	~
<u>Number of cylinders</u>	4	4	~	~	~	~	~
<u>Number of valves per cylinder</u>	4	4	~	~	~	~	~
<u>Compression ratio</u>	~	~	~	~	~	~	~
<u>Valve mechanism</u>	DOHC	DOHC	~	~	~	~	~
<u>Maximum horsepower (Ps)</u>	156	156	~	~	~	~	~
<u>Maximum power (kW)</u>	115	115	~	~	~	~	~
<u>Maximum power speed (rpm)</u>	~	~	~	~	~	~	~
<u>Maximum torque (N·m)</u>	~	~	~	~	~	~	~
<u>Maximum torque speed (rpm)</u>	~	~	~	~	~	~	~
<u>Engine thermal efficiency (%)</u>	44.39	44.39	~	~	~	~	~
<u>Engine-specific technologies</u>	~	~	~	~	~	~	~
<u>Fuel form</u>	Extended Range	Extended Range	Pure Electric				
<u>Fuel grade</u>	92#	92#	~	~	~	~	~
<u>Oil supply method</u>	Direct injection	Direct injection	~	~	~	~	~
<u>Cylinder head material</u>	Aluminum Alloy	Aluminum Alloy	~	~	~	~	~
<u>Cylinder material</u>	Aluminum Alloy	Aluminum Alloy	~	~	~	~	~
<u>Environmental standards</u>	National VI	National VI	~	~	~	~	~

Electric Motor

<u>Motor Description</u>	Extended range 314 horsepower	Extended range 314 horsepower	Pure electric 322 horsepower	Pure electric 547 horsepower	Pure electric 547 horsepower	Pure electric 547 horsepower	Pure electric 547 horsepower
<u>Motor Type</u>	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous	AC/asynchronous at the front and permanent magnet/synchronous at the back	AC/asynchronous at the front and permanent magnet/synchronous at the back	AC/asynchronous at the front and permanent magnet/synchronous at the back	AC/asynchronous at the front and permanent magnet/synchronous at the back
<u>Total motor power (kW)</u>	231	231	237	402	402	402	402
<u>Total motor horsepower (Ps)</u>	314	314	322	547	547	547	547
<u>Total torque of the motor (N·m)</u>	367	367	396	687	687	687	687
<u>Maximum power of front motor (kW)</u>	~	~	~	165	165	165	165
<u>Maximum torque of front motor (N·m)</u>	~	~	~	291	291	291	291
<u>Maximum power of rear motor (kW)</u>	231	231	237	237	237	237	237
<u>Maximum torque of rear motor (N·m)</u>	367	367	396	396	396	396	396
<u>Number of drive motors</u>	Single motor	Single motor	Single motor	Dual motors	Dual motors	Dual motors	Dual motors
<u>Motor layout</u>	Post	Post	Post	Front + rear	Front + rear	Front + rear	Front + rear

Battery/Charging

<u>Battery Type</u>	Lithium iron phosphate battery	Lithium iron phosphate battery	Ternary lithium battery	Ternary lithium battery	Ternary lithium battery	Ternary lithium battery	Ternary lithium battery
<u>Battery Feature Technology</u>	Xiaoya Super Hybrid Battery	Xiaoya Super Hybrid Battery	~	~	~	~	~
<u>Battery brand</u>	CATL	CATL	CATL	CATL	CATL	CATL	CATL
<u>Battery Pack Warranty</u>	8 years or 160,000 km	8 years or 160,000 km	8 years or 160,000 km	8 years or 160,000 km	8 years or 160,000 km	8 years or 160,000 km	8 years or 160,000 km
<u>Battery capacity (kWh)</u>	39.05	39.05	94.53	94.53	94.53	94.53	94.53
<u>Battery energy density (Wh/kg)</u>	~	~	~	~	~	~	~
<u>Battery charging rate</u>	~	~	~	~	~	~	~
<u>Battery-Charging</u>	Fast charge 0.25 hours Slow charge 7 hours	Fast charge 0.25 hours Slow charge 7 hours	Fast charge 0.33 hours Slow charge 11 hours				
	• Fast charging port	• Fast charging port	• Fast charging port	• Fast charging port	• Fast charging port	• Fast charging port	• Fast charging port
<u>Maximum fast charging power (kW)</u>	~	~	240	240	240	240	240
<u>Fast charging port location</u>	Left fuel tank	Left fuel tank	Left fuel tank	Left fuel tank	Left fuel tank	Left fuel tank	Left fuel tank
<u>Slow charging port location</u>	Left fuel tank	Left fuel tank	Left fuel tank	Left fuel tank	Left fuel tank	Left fuel tank	Left fuel tank
<u>Battery Temperature Management System</u>	• Low temperature heating	• Low temperature heating	• Low temperature heating	• Low temperature heating	• Low temperature heating	• Low temperature heating	• Low temperature heating
	• Liquid Cooling	• Liquid Cooling	• Liquid Cooling	• Liquid Cooling	• Liquid Cooling	• Liquid Cooling	• Liquid Cooling
<u>Single pedal mode</u>	~	~	~	~	~	~	~
<u>VTOL mobile power station function</u>	• Standard	• Standard	• Standard	• Standard	• Standard	• Standard	• Standard
<u>VTOL maximum external discharge power</u>	3.3kW	3.3kW	3.3kW	3.3kW	3.3kW	3.3kW	3.3kW
<u>VTOL maximum external discharge power</u>	~	~	~	~	~	~	~

Minimum allowable value of external discharge power (%)	–	–	15	15	15	15	15
Gearbox							
<u>Gearbox Description</u>	Electric vehicle single speed gearbox						
<u>Number of gears</u>	1	1	1	1	1	1	1
<u>Gearbox Type</u>	Fixed gear ratio gearbox						
Chassis/Steering							
<u>Drive mode</u>	Rear-engine, rear-wheel drive	Rear-engine, rear-wheel drive	Rear-engine, rear-wheel drive	Dual motor four-wheel drive	Dual motor four-wheel drive	Dual motor four-wheel drive	Dual motor four-wheel drive
<u>Four-wheel drive type</u>	–	–	–	Electric four-wheel drive	Electric four-wheel drive	Electric four-wheel drive	Electric four-wheel drive
<u>Front suspension type</u>	Double wishbone independent suspension						
<u>Rear suspension type</u>	Multi-link independent suspension						
<u>Steering type</u>	Electric power assist						
<u>Vehicle structure</u>	Load-bearing						
Wheels/Brakes							
<u>Front brake type</u>	Ventilated disc						
<u>Rear brake type</u>	Ventilated disc						
<u>Parking brake type</u>	Electronic parking brake						
<u>Front tire size</u>	265/45 R20	265/40 R21	265/40 R21				
<u>Rear tire size</u>	265/45 R20	265/40 R21	265/40 R21				
<u>Spare tire specifications</u>	–	–	–	–	–	–	–
<u>Active safety</u>	• Standard	• Optional	– none				
<u>ABS anti-lock braking system</u>	• Standard						
<u>Braking force distribution (EBD/CBC, etc.)</u>	• Standard						
<u>Brake assist (EBA/BA, etc.)</u>	• Standard						
<u>Traction control (TCS/ASR, etc.)</u>	• Standard						
<u>Vehicle stability system (ESP/DSC, etc.)</u>	• Standard						
<u>Active safety warning system</u>	• Lane Departure Warning						
	• Forward Collision Warning						
	• Rear Collision Warning						
	• Reversing side warning						
	• DOW door opening warning						
	• Traffic ahead warning						
	• Braking for crossing traffic ahead						
<u>Active braking</u>	• Standard						
<u>Lane assist</u>	• Standard						
<u>Lane Keeping Assist System</u>	• Standard						
<u>Lane centering</u>	• Standard						
<u>Fatigue driving tips</u>	• Standard						
<u>Active DMS fatigue detection</u>	• Standard						
<u>In-car vital signs detection</u>	• Standard						
<u>Road traffic sign recognition</u>	• Standard						
<u>Traffic light recognition</u>	• Standard						
<u>Night Vision System</u>	–	–	–	–	–	–	–
<u>Passive safety</u>	• Standard	• Optional	– none				
<u>Front airbags</u>	• Main driving seat						
	• Passenger seat						
<u>Side airbags</u>	• Front Row						
	• Back row						
<u>Side curtain airbags</u>	• Standard						
<u>Front knee airbag</u>	–	–	–	–	–	–	–
<u>Center airbag</u>	–	–	–	–	–	–	–
<u>Seat belt not fastened reminder</u>	• Standard						
<u>Tire Pressure Monitoring System</u>	• Tire pressure display						
<u>Child seat interface (ISOFIX)</u>	• Standard						
<u>Passive pedestrian protection</u>	–	–	–	–	–	–	–

Comfort/anti-theft configuration • Standard • Optional - none

Seat Configuration • Standard • Optional - no

<u>Heat Pump Management System</u>	-	-	• Standard				
Number of external cameras	• 11	• 11	• 11	• 11	• 11	• 11	• 11
External camera pixels	-	-	-	-	-	-	-
Number of cameras in the car	• 2	• 2	• 2	• 2	• 2	• 2	• 2
In-car camera pixels	-	-	-	-	-	-	-
Number of ultrasonic radars	• 12	• 12	• 12	• 12	• 12	• 12	• 12
Number of millimeter wave radars	• 3	• 3	• 3	• 3	• 3	• 3	• 3
Number of laser radars	• 3	• 3	• 3	• 3	• 3	• 3	• 3
Laser radar line number (line)	• 96	• 96	• 96	• 96	• 96	• 96	• 96
<u>Sub-meter high-precision positioning system</u>	• Standard						
<u>High-precision maps</u>	-	-	-	-	-	-	-
<u>Sentinel Mode</u>	• Standard						
<u>V2X Communications</u>	-	-	-	-	-	-	-

Optional Package • Standard • Optional - none

Customized options	Optional exterior, interior, wheels, brakes 2 optional packages	Optional exterior, interior, wheels, brakes, 1 optional package	Optional exterior, interior, wheels, brakes 2 optional packages	Optional exterior, interior, wheels, brakes 2 optional packages	Optional exterior, interior, wheels, brakes 2 optional packages	Optional exterior, interior, wheels, brakes	Optional exterior, interior, wheels, brakes
Smart hospitality kit	Smart induction electric door, HALO interactive screen, front door welcome logo light	Smart induction electric door, HALO interactive screen, front door welcome logo light	Smart induction electric door, HALO interactive screen, front door welcome logo light	Smart induction electric door, HALO interactive screen, front door welcome logo light	Smart induction electric door, HALO interactive screen, front door welcome logo light	Smart induction electric door, HALO interactive screen, front door welcome logo light	Smart induction electric door, HALO interactive screen, front door welcome logo light
Deluxe Cinema Set	• Optional 20000 CNY 16-inch rear cabin floating skylight screen, Dinamica® microfiber suede	• Optional 20000 CNY 16-inch rear cabin floating skylight screen, Dinamica® microfiber suede	• Optional 20000 CNY 16-inch rear cabin floating skylight screen, Dinamica® microfiber suede	• Optional 20000 CNY 16-inch rear cabin floating skylight screen, Dinamica® microfiber suede	• Optional 20000 CNY 16-inch rear cabin floating skylight screen, Dinamica® microfiber suede	• Optional 20000 CNY -	• Optional 20000 CNY -
High performance air suspension kit	• Optional 12000 CNY -	• Optional 12000 CNY -	• Optional 12000 CNY -				

*The above parameter configuration information is for reference only, please refer to the actual vehicle for details