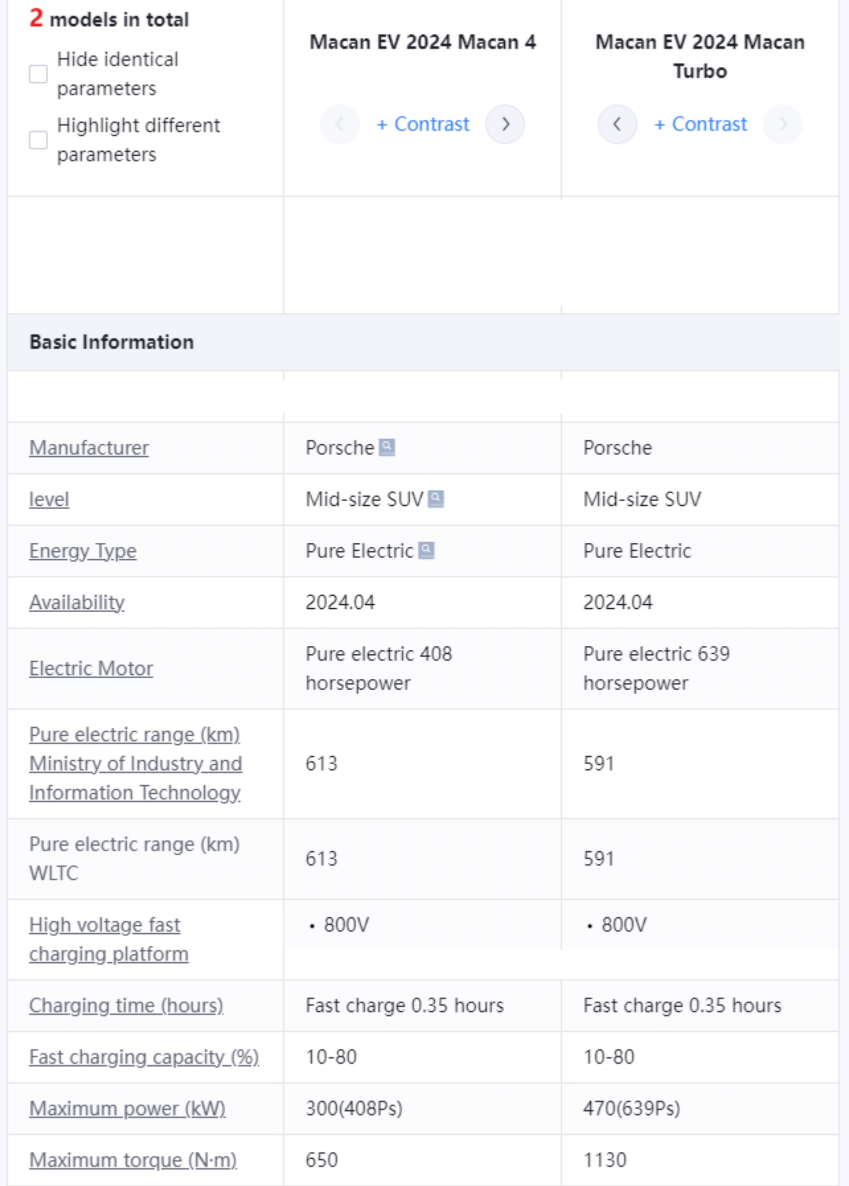


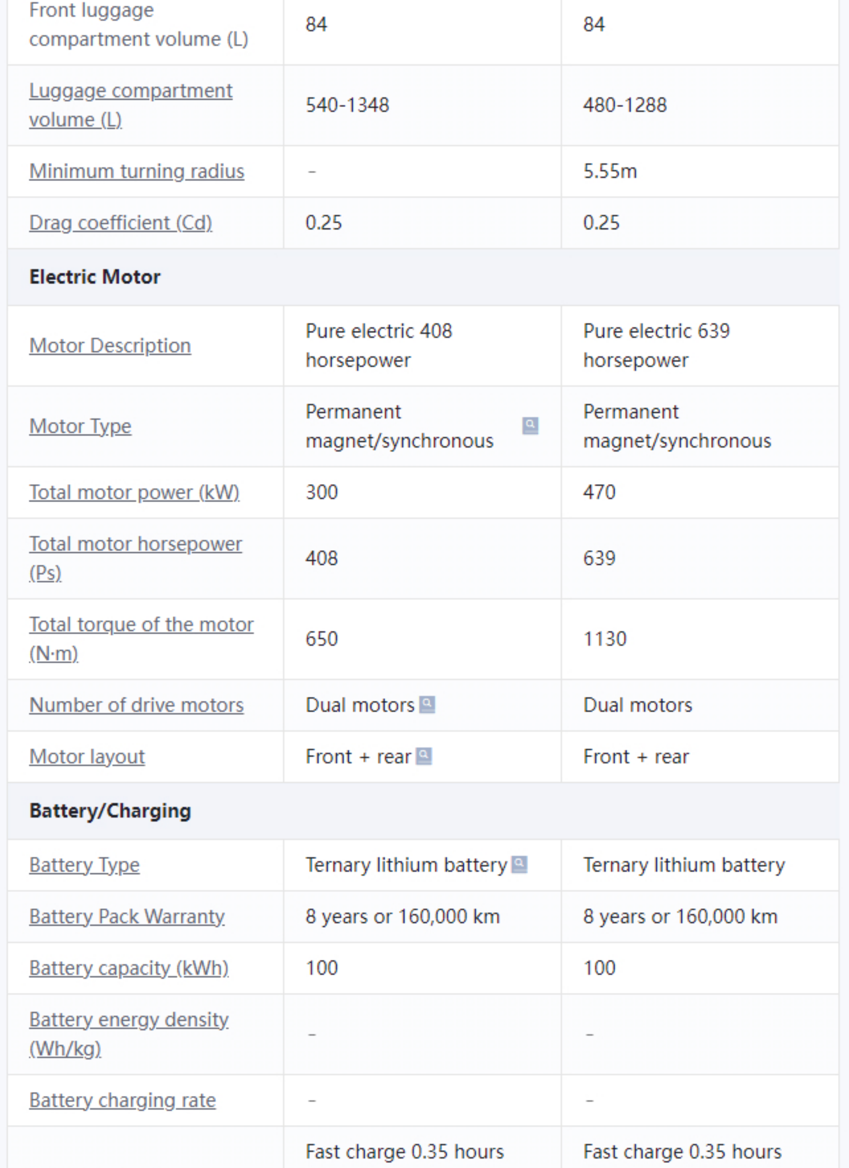
2 models in total

☐ Hide identical parameters

☐ Highlight different parameters

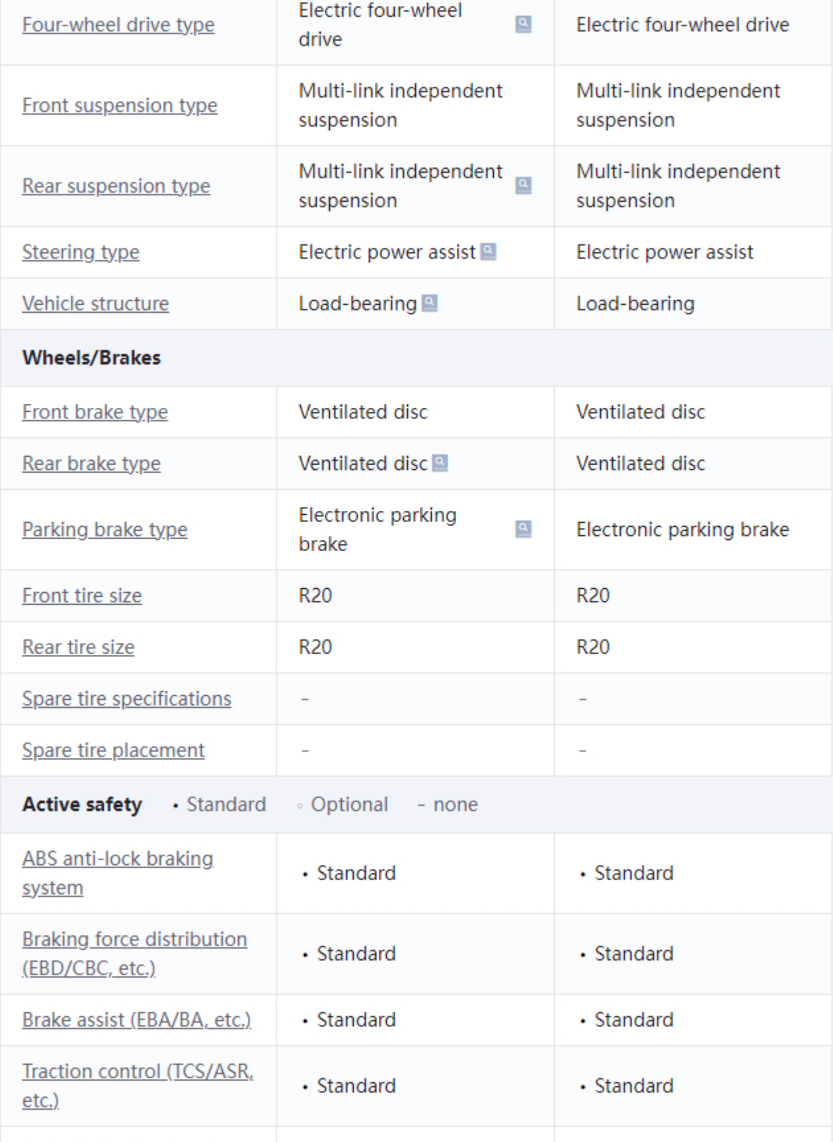
	Macan EV 2024 Macan 4	Macan EV 2024 Macan Turbo
Basic Information		
Manufacturer	Porsche	Porsche
level	Mid-size SUV	Mid-size SUV
Energy Type	Pure Electric	Pure Electric
Availability	2024.04	2024.04
Electric Motor	Pure electric 408 horsepower	Pure electric 639 horsepower
Pure electric range (km) Ministry of Industry and Information Technology	613	591
Pure electric range (km) WLTC	613	591
High voltage fast charging platform	• 800V	• 800V
Charging time (hours)	Fast charge 0.35 hours	Fast charge 0.35 hours
Fast charging capacity (%)	10-80	10-80
Maximum power (kW)	300(408Ps)	470(639Ps)
Maximum torque (N·m)	650	1130

Gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Length x width x height (mm)	4784x1938x1622	4784x1938x1621
Body structure	5-door 5-seater SUV	5-door 5-seater SUV
Maximum speed (km/h)	220	260
Official 0-100km/h acceleration time (s)	5.2	3.3
Power consumption per 100 km (kWh/100km)	17.9kWh	18.8kWh
Vehicle warranty period	3 years or 100,000 km	3 years or 100,000 km
Body		
Length(mm)	4784	4784
Width(mm)	1938	1938
Height(mm)	1622	1621
Wheelbase(mm)	2893	2893
Front wheel track (mm)	-	-
Rear track (mm)	-	-
Body structure	SUV	SUV
Number of doors	5	5
Door opening method	Swing door	Swing door
Number of seats	5	5
Curb weight(kg)	2340	2430
Full load mass (kg)	2920	2950

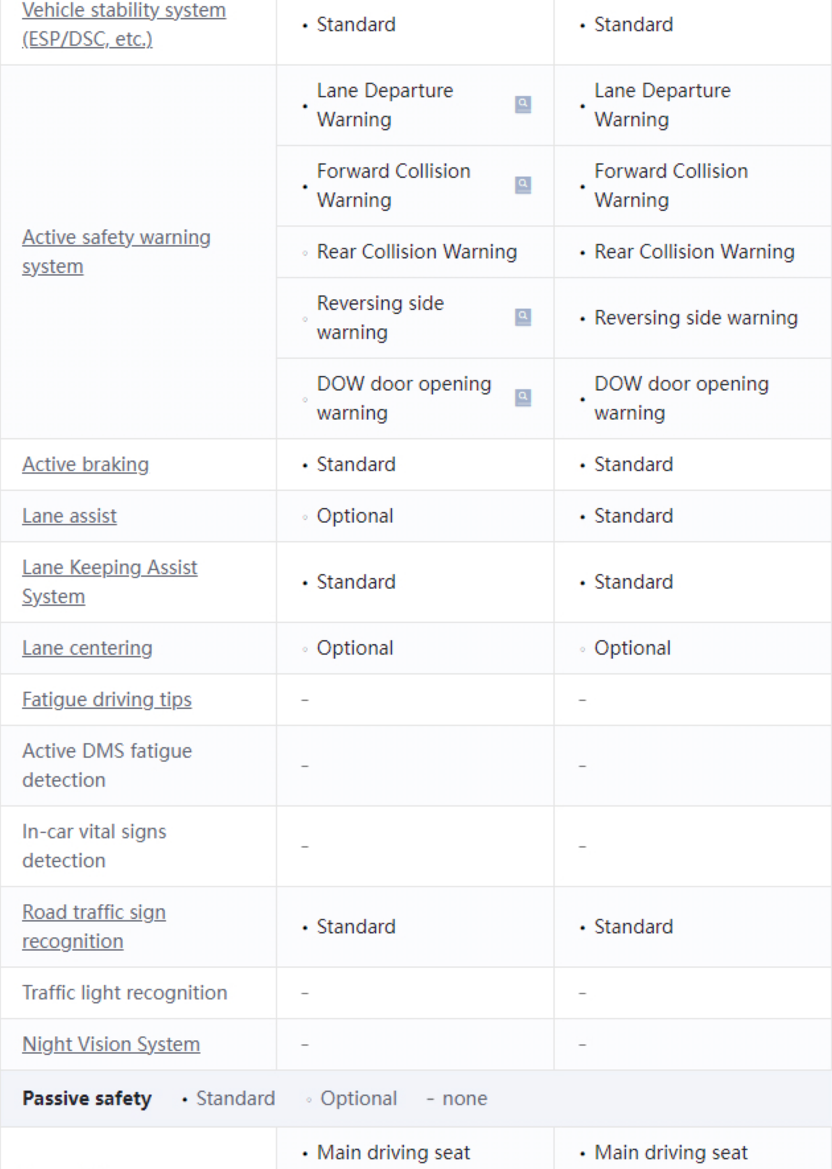


Front luggage compartment volume (L)	84	84
Luggage compartment volume (L)	540-1348	480-1288
Minimum turning radius	-	5.55m
Drag coefficient (Cd)	0.25	0.25
Electric Motor		
Motor Description	Pure electric 408 horsepower	Pure electric 639 horsepower
Motor Type	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	300	470
Total motor horsepower (Ps)	408	639
Total torque of the motor (N·m)	650	1130
Number of drive motors	Dual motors	Dual motors
Motor layout	Front + rear	Front + rear
Battery/Charging		
Battery Type	Ternary lithium battery	Ternary lithium battery
Battery Pack Warranty	8 years or 160,000 km	8 years or 160,000 km
Battery capacity (kWh)	100	100
Battery energy density (Wh/kg)	-	-
Battery charging rate	-	-
	Fast charge 0.35 hours	Fast charge 0.35 hours

Battery Charging	- Fast charging port	- Fast charging port
Maximum fast charging power (kw)	270	270
Fast charging port location	Right fuel tank	Right fuel tank
Slow charging port location	-	-
Battery Temperature Management System	- Low temperature heating - Liquid Cooling	- Low temperature heating - Liquid Cooling
Single pedal mode	-	-
VTOL mobile power station function	-	-
VTOL maximum external discharge power	-	-
VTOV maximum external discharge power	-	-
Gearbox		
Gearbox Description	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Number of gears	1	1
Gearbox Type	Fixed gear ratio gearbox	Fixed gear ratio gearbox
Chassis/Steering		
Drive mode	Dual motor four-wheel drive	Dual motor four-wheel drive

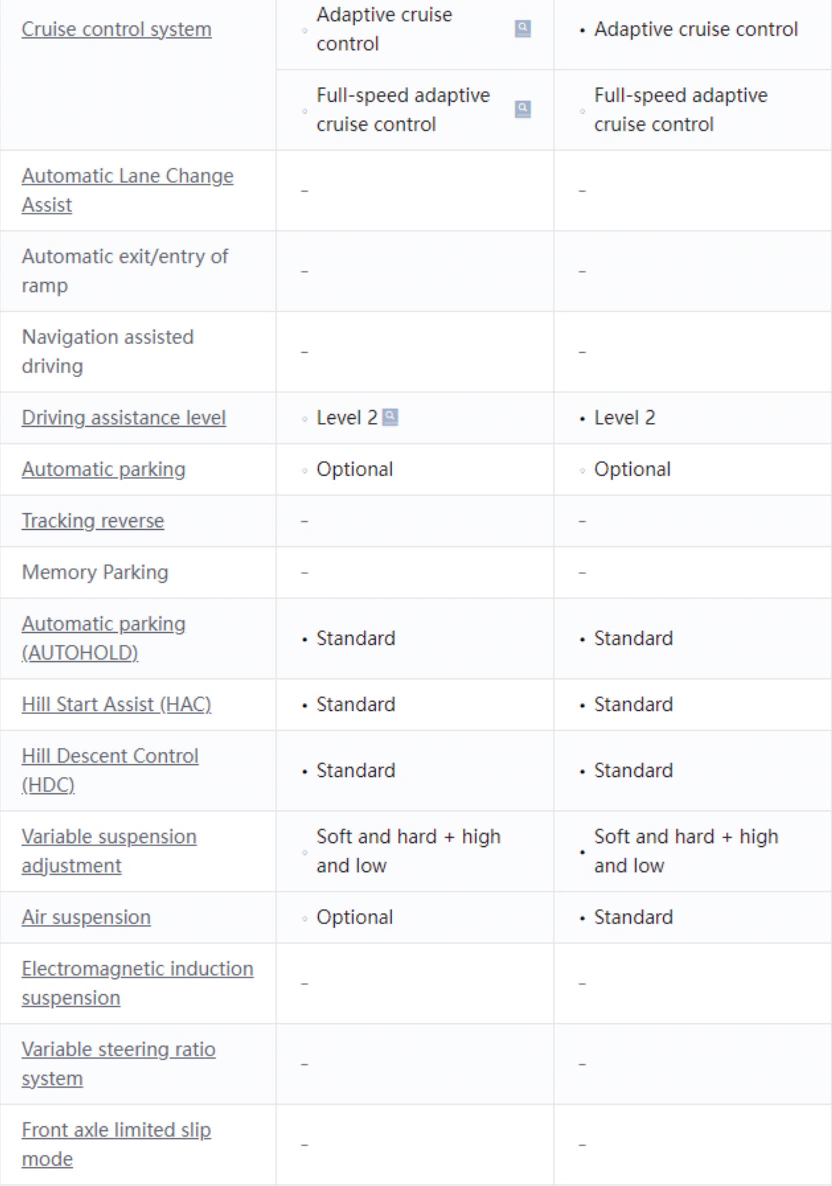


Four-wheel drive type	Electric four-wheel drive	Electric four-wheel drive
Front suspension type	Multi-link independent suspension	Multi-link independent suspension
Rear suspension type	Multi-link independent suspension	Multi-link independent suspension
Steering type	Electric power assist	Electric power assist
Vehicle structure	Load-bearing	Load-bearing
Wheels/Brakes		
Front brake type	Ventilated disc	Ventilated disc
Rear brake type	Ventilated disc	Ventilated disc
Parking brake type	Electronic parking brake	Electronic parking brake
Front tire size	R20	R20
Rear tire size	R20	R20
Spare tire specifications	-	-
Spare tire placement	-	-
Active safety • Standard ◦ Optional - none		
ABS anti-lock braking system	• Standard	• Standard
Braking force distribution (EBD/CBC, etc.)	• Standard	• Standard
Brake assist (EBA/BA, etc.)	• Standard	• Standard
Traction control (TCS/ASR, etc.)	• Standard	• Standard

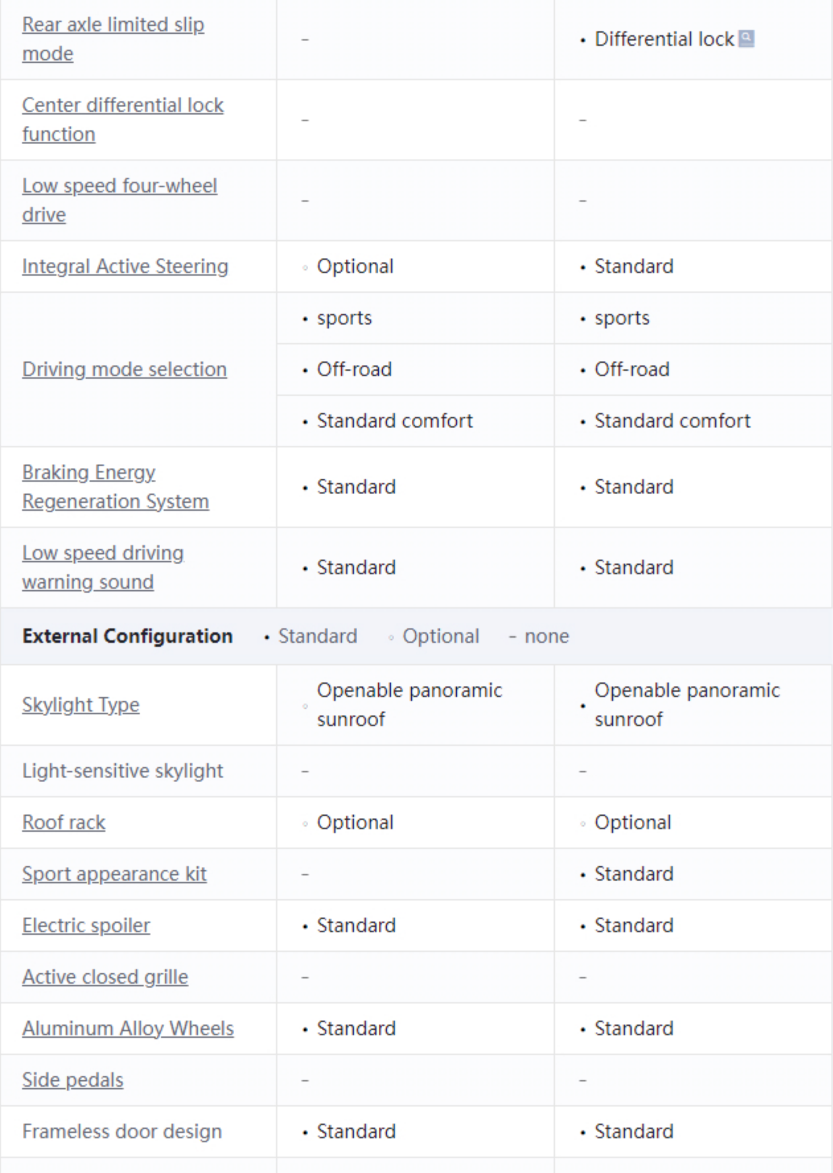


Vehicle stability system (ESP/DSC, etc.)	• Standard	• Standard
Active safety warning system	• Lane Departure Warning	• Lane Departure Warning
	• Forward Collision Warning	• Forward Collision Warning
	◦ Rear Collision Warning	• Rear Collision Warning
	◦ Reversing side warning	• Reversing side warning
	◦ DOW door opening warning	• DOW door opening warning
Active braking	• Standard	• Standard
Lane assist	◦ Optional	• Standard
Lane Keeping Assist System	• Standard	• Standard
Lane centering	◦ Optional	◦ Optional
Fatigue driving tips	–	–
Active DMS fatigue detection	–	–
In-car vital signs detection	–	–
Road traffic sign recognition	• Standard	• Standard
Traffic light recognition	–	–
Night Vision System	–	–
Passive safety • Standard ◦ Optional – none		
	• Main driving seat	• Main driving seat

Front airbags		
	• Co-pilot seat	• Co-pilot seat
Side airbags	• Front Row	• Front Row
	• Back row	• Back row
Side curtain airbags	• Standard	• Standard
Front knee airbag	-	-
Center airbag	-	-
Seat belt not fastened reminder	• Standard	• Standard
Tire Pressure Monitoring System	• Tire pressure display	• Tire pressure display
Child seat interface (ISOFIX)	• Standard	• Standard
Passive pedestrian protection	-	-
Safety tires	-	-
Assistance/Control Configuration • Standard ◦ Optional - none		
Parking radar	• forward	• forward
	• back	• back
Front vehicle departure reminder	-	-
Driving assistance images	• Reversing Image Graphics	• Reversing Image
	◦ 360° panoramic images	• 360° panoramic images
	• Cruise control Graphics	• Cruise control



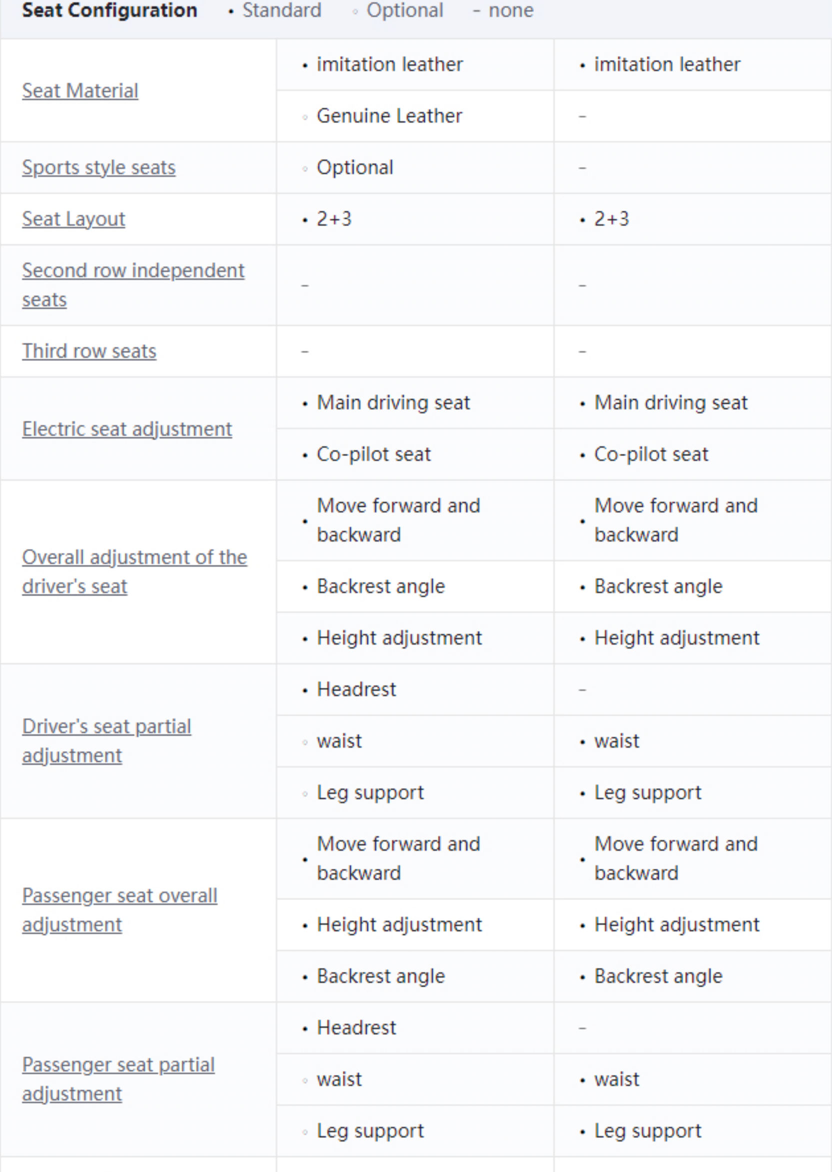
Cruise control system	◦ Adaptive cruise control	• Adaptive cruise control
	◦ Full-speed adaptive cruise control	◦ Full-speed adaptive cruise control
Automatic Lane Change Assist	–	–
Automatic exit/entry of ramp	–	–
Navigation assisted driving	–	–
Driving assistance level	◦ Level 2	• Level 2
Automatic parking	◦ Optional	◦ Optional
Tracking reverse	–	–
Memory Parking	–	–
Automatic parking (AUTOHOLD)	• Standard	• Standard
Hill Start Assist (HAC)	• Standard	• Standard
Hill Descent Control (HDC)	• Standard	• Standard
Variable suspension adjustment	◦ Soft and hard + high and low	• Soft and hard + high and low
Air suspension	◦ Optional	• Standard
Electromagnetic induction suspension	–	–
Variable steering ratio system	–	–
Front axle limited slip mode	–	–



Rear axle limited slip mode	–	• Differential lock
Center differential lock function	–	–
Low speed four-wheel drive	–	–
Integral Active Steering	◦ Optional	• Standard
Driving mode selection	• sports	• sports
	• Off-road	• Off-road
	• Standard comfort	• Standard comfort
Braking Energy Regeneration System	• Standard	• Standard
Low speed driving warning sound	• Standard	• Standard
External Configuration	• Standard ◦ Optional – none	
Skylight Type	◦ Openable panoramic sunroof	• Openable panoramic sunroof
Light-sensitive skylight	–	–
Roof rack	◦ Optional	◦ Optional
Sport appearance kit	–	• Standard
Electric spoiler	• Standard	• Standard
Active closed grille	–	–
Aluminum Alloy Wheels	• Standard	• Standard
Side pedals	–	–
Frameless door design	• Standard	• Standard

Hidden door handle	-	-
Tow hook	-	-
Internal Configuration • Standard ◦ Optional - none		
Steering wheel material	• Genuine Leather	-
	◦ Suede	◦ Suede
	◦ Carbon fiber/leather	• Carbon fiber/leather
Steering wheel adjustment	• Up and down + front and back	• Up and down + front and back
Electric steering wheel adjustment	◦ Optional	• Standard
Steering wheel functions	• Multi-function control	• Multi-function control
	◦ memory	• memory
	◦ heating	• heating
Driving computer screen	• color	• color
LCD instrument style	• Full LCD	• Full LCD
LCD instrument size (inch)	• 12.6	• 12.6
Comfort/anti-theft configuration • Standard ◦ Optional - none		
Electric suction door	-	-
Electric tailgate	• Standard	• Standard
Sensor-type tailgate	-	-
Electric tailgate position memory	• Standard	• Standard
Central locking system in the car	• Standard	• Standard

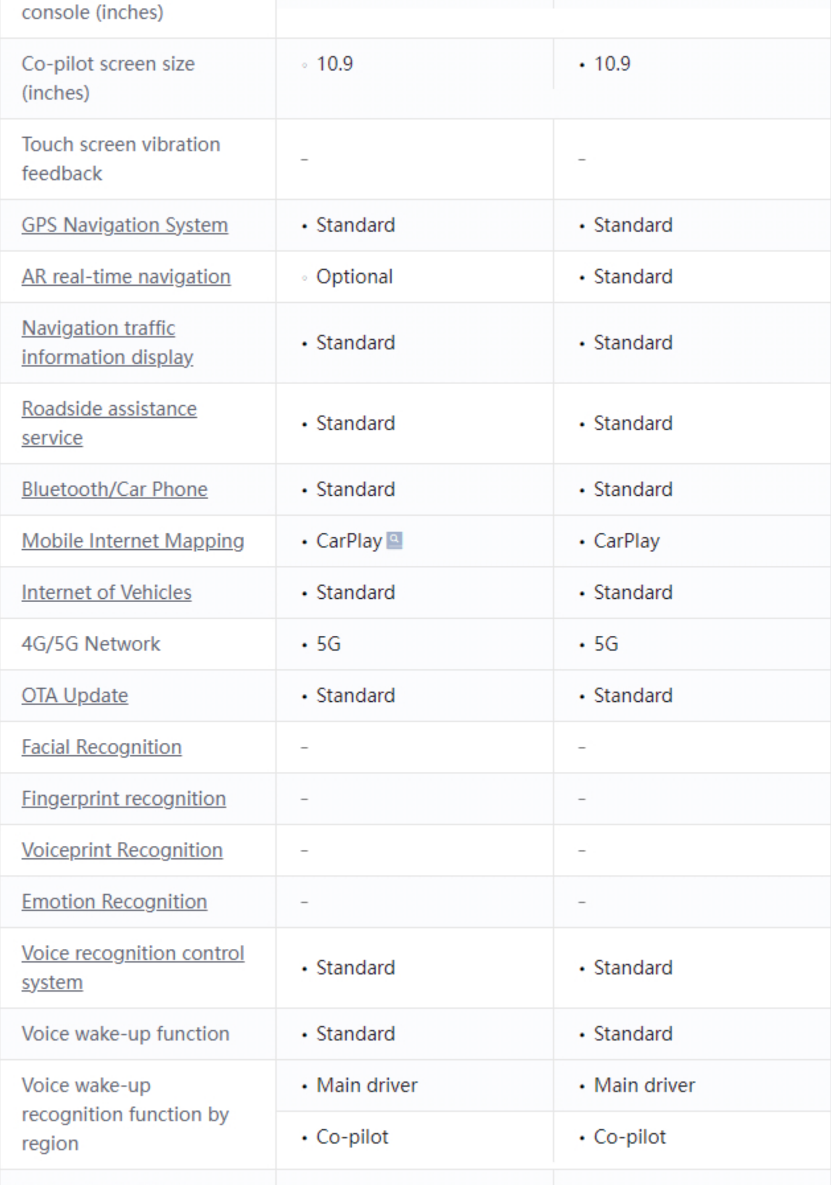
Remote control key type	• Ordinary remote control key	–
	◦ Smart remote control key	• Smart remote control key
Keyless entry	◦ Full Vehicle	• Full Vehicle
Keyless start	• Standard	• Standard
Remote Start	• Standard	• Standard
Remote control mobile vehicle	–	–
Vehicle summon function	–	–
Head-up display (HUD)	◦ Optional	• Standard
HUD projection size (inches)	–	• 87
Augmented Reality Head-Up Display (AR-HUD)	◦ Optional	• Standard
Built-in driving recorder	–	–
Original ETC	◦ Optional	◦ Optional
Active Noise Cancellation	–	–
Wireless charging for mobile phones	• Standard	• Standard
Maximum power of mobile phone wireless charging (W)	15	15
110V/220V/230V power socket	◦ Optional	◦ Optional
Luggage compartment 12V power socket	–	–



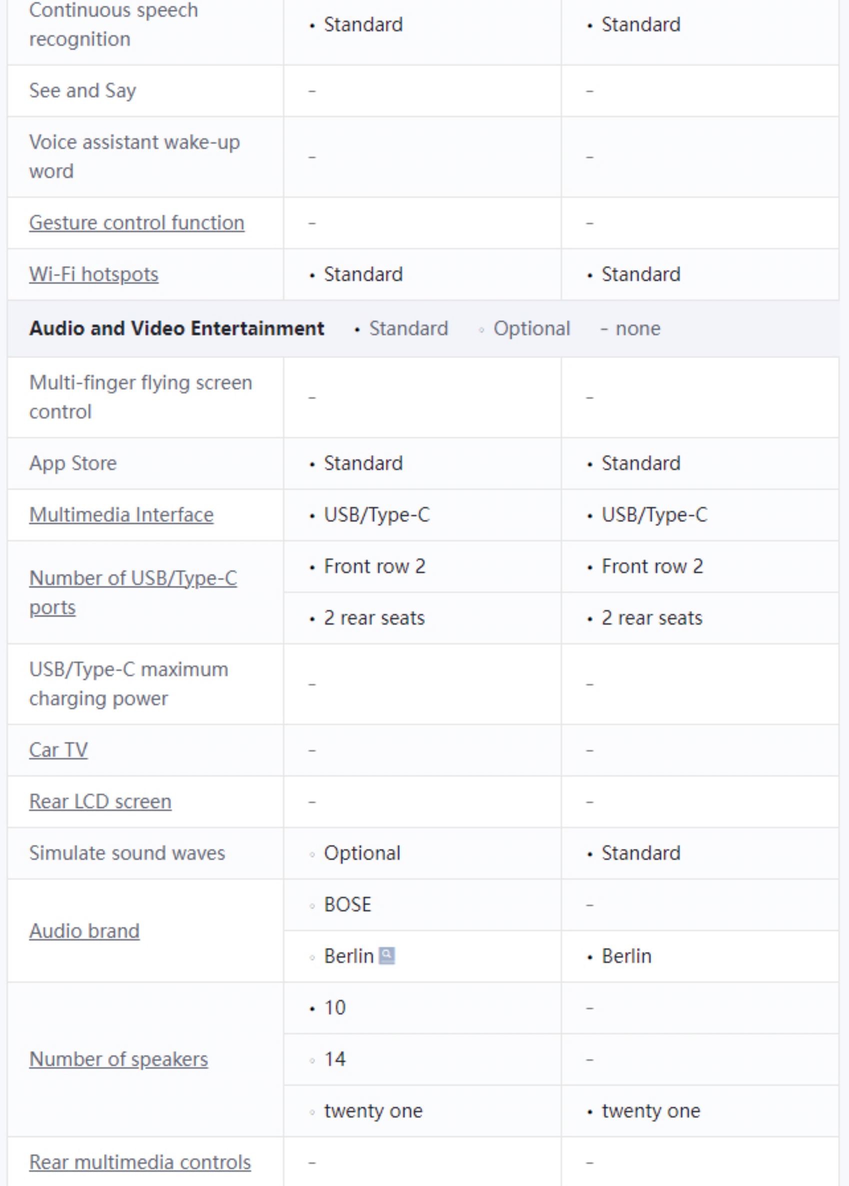
Seat Configuration • Standard ◦ Optional – none

Seat Material	• imitation leather	• imitation leather
	◦ Genuine Leather	–
Sports style seats	◦ Optional	–
Seat Layout	• 2+3	• 2+3
Second row independent seats	–	–
Third row seats	–	–
Electric seat adjustment	• Main driving seat	• Main driving seat
	• Co-pilot seat	• Co-pilot seat
Overall adjustment of the driver's seat	• Move forward and backward	• Move forward and backward
	• Backrest angle	• Backrest angle
	• Height adjustment	• Height adjustment
Driver's seat partial adjustment	• Headrest	–
	◦ waist	• waist
	◦ Leg support	• Leg support
Passenger seat overall adjustment	• Move forward and backward	• Move forward and backward
	• Height adjustment	• Height adjustment
	• Backrest angle	• Backrest angle
Passenger seat partial adjustment	• Headrest	–
	◦ waist	• waist
	◦ Leg support	• Leg support

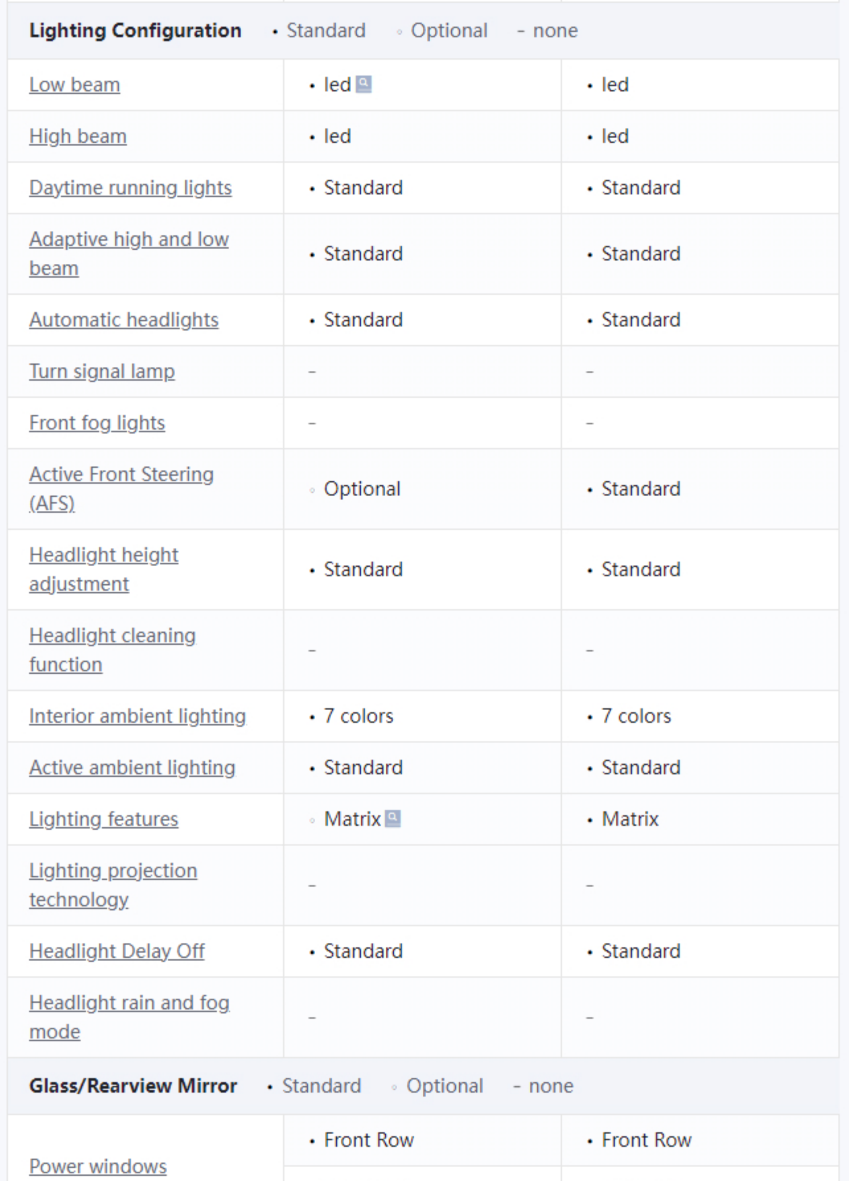
Second row seat overall adjustment	–	–
Second row seat partial adjustment	–	–
Front seat functions	• heating	• heating
	◦ ventilation	• ventilation
	◦ memory	• memory
	◦ massage	◦ massage
Second row seat functions	◦ heating	◦ heating
Third row seat functions	–	–
Boss Key	–	–
Front/rear armrests	• Front Row	• Front Row
	• Back row	• Back row
Rear cup holder	• Standard	• Standard
Heated/cooled cup holder	–	–
Rear seat folding ratio	• 40:20:40	• 40:20:40
Electric folding rear seats	–	–
Second row small table	–	–
Smart connectivity • Standard ◦ Optional – none		
Central control screen size (inches)	• 10.9	• 10.9
Central control screen material	–	–
Screen size under center	• 4.4	• 4.4



console (inches)		
Co-pilot screen size (inches)	◦ 10.9	• 10.9
Touch screen vibration feedback	-	-
GPS Navigation System	• Standard	• Standard
AR real-time navigation	◦ Optional	• Standard
Navigation traffic information display	• Standard	• Standard
Roadside assistance service	• Standard	• Standard
Bluetooth/Car Phone	• Standard	• Standard
Mobile Internet Mapping	• CarPlay	• CarPlay
Internet of Vehicles	• Standard	• Standard
4G/5G Network	• 5G	• 5G
OTA Update	• Standard	• Standard
Facial Recognition	-	-
Fingerprint recognition	-	-
Voiceprint Recognition	-	-
Emotion Recognition	-	-
Voice recognition control system	• Standard	• Standard
Voice wake-up function	• Standard	• Standard
Voice wake-up recognition function by region	• Main driver • Co-pilot	• Main driver • Co-pilot



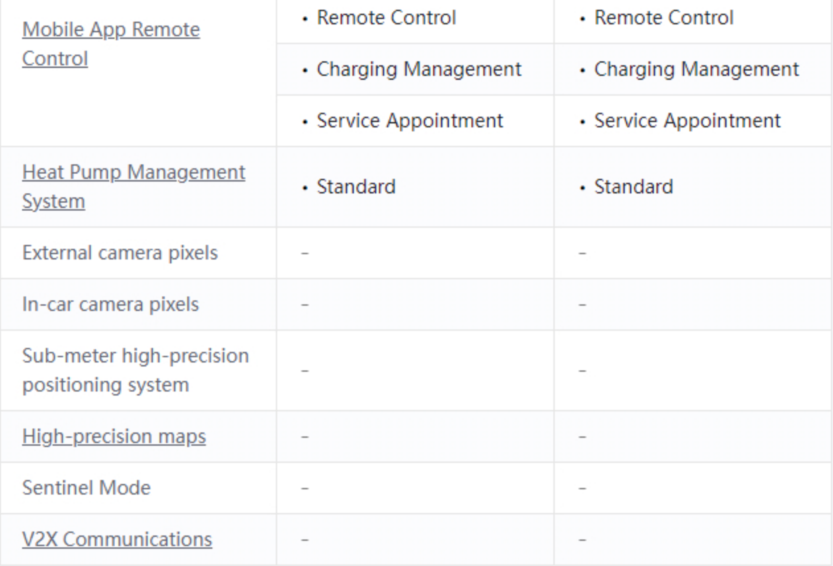
Continuous speech recognition	• Standard	• Standard
See and Say	–	–
Voice assistant wake-up word	–	–
Gesture control function	–	–
Wi-Fi hotspots	• Standard	• Standard
Audio and Video Entertainment	• Standard ◦ Optional – none	
Multi-finger flying screen control	–	–
App Store	• Standard	• Standard
Multimedia Interface	• USB/Type-C	• USB/Type-C
Number of USB/Type-C ports	• Front row 2	• Front row 2
	• 2 rear seats	• 2 rear seats
USB/Type-C maximum charging power	–	–
Car TV	–	–
Rear LCD screen	–	–
Simulate sound waves	◦ Optional	• Standard
Audio brand	◦ BOSE	–
	◦ Berlin	• Berlin
Number of speakers	• 10	–
	◦ 14	–
	◦ twenty one	• twenty one
Rear multimedia controls	–	–



Lighting Configuration	• Standard ◦ Optional - none	
Low beam	• led	• led
High beam	• led	• led
Daytime running lights	• Standard	• Standard
Adaptive high and low beam	• Standard	• Standard
Automatic headlights	• Standard	• Standard
Turn signal lamp	-	-
Front fog lights	-	-
Active Front Steering (AFS)	◦ Optional	• Standard
Headlight height adjustment	• Standard	• Standard
Headlight cleaning function	-	-
Interior ambient lighting	• 7 colors	• 7 colors
Active ambient lighting	• Standard	• Standard
Lighting features	◦ Matrix	• Matrix
Lighting projection technology	-	-
Headlight Delay Off	• Standard	• Standard
Headlight rain and fog mode	-	-
Glass/Rearview Mirror	• Standard ◦ Optional - none	
Power windows	• Front Row	• Front Row

	• Back row	• Back row
One-touch window lifting	• Full Vehicle	• Full Vehicle
Window anti-pinch function	• Standard	• Standard
Exterior mirror function	• Electric adjustment	• Electric adjustment
	• heating	• heating
	• Electric folding	• Electric folding
	◦ memory	• memory
	• Automatically tilt down when reversing	• Automatically tilt down when reversing
	• Automatic folding when the car is locked	• Automatic folding when the car is locked
	◦ Automatic anti-glare	• Automatic anti-glare
Interior rearview mirror function	◦ Automatic anti-glare	• Automatic anti-glare
Car makeup mirror	• Main driving seat + lighting	• Main driving seat + lighting
	• Co-pilot seat + lighting	• Co-pilot seat + lighting
Rear privacy glass	◦ Optional	◦ Optional
Car sunshade	◦ Rear window side sunshade	◦ Rear window side sunshade
Rain-sensing wipers	• Standard	• Standard
Rear wiper	◦ Optional	◦ Optional
Rear window open	-	-
Multi-layer soundproof glass	◦ Front row + back row	◦ Front row + back row

Electric front windshield heating	◦ Optional	◦ Optional
Heated water nozzle	-	-
Air conditioning/refrigerator	• Standard ◦ Optional - none	
Air conditioning control method	• automatic	• automatic
Rear independent air conditioning	◦ Optional	• Standard
Rear air outlet	• Standard	• Standard
Hidden air conditioning vents	-	-
Temperature zone control	• Dual-zone air conditioning	-
	◦ Four-zone air conditioning	• Four-zone air conditioning
Car air purifier	• Standard	• Standard
In-car PM2.5 filter	• Standard	• Standard
HEPA filter	-	-
Negative ion generator	• Standard	• Standard
Car fragrance device	-	-
AQS Air Quality Management System	-	-
Car Refrigerator	-	-
Car refrigerator function	-	-
Intelligent configuration		
	• Vehicle Monitoring	• Vehicle Monitoring



Mobile App Remote Control	• Remote Control	• Remote Control
	• Charging Management	• Charging Management
	• Service Appointment	• Service Appointment
Heat Pump Management System	• Standard	• Standard
External camera pixels	-	-
In-car camera pixels	-	-
Sub-meter high-precision positioning system	-	-
High-precision maps	-	-
Sentinel Mode	-	-
V2X Communications	-	-