



The Born Free VIM ALPHA S5 Edition

Intelligence, Innovation, Sustainability.
4 and 5 seater Sedan.



VIM α S5

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VIM ALPHA S5



The VIM Alpha S5 is a premium electric luxury sedan crafted by VIM, a prestigious sub-brand under the VIM Automotive Technology division. Launched in 2024, the Alpha S5 embodies Qatar's forward-thinking approach to electric mobility, positioning itself as a symbol of innovation and sustainability in the rapidly evolving EV landscape. With its futuristic design, remarkable performance, cutting-edge technology, and autonomous driving capabilities, the Alpha S5 is a standout in the luxury electric vehicle market. It underscores VIM's bold ambition to establish itself as a major player in the competitive high-end EV segment, especially within Qatar, where the demand for clean, state-of-the-art vehicles is on the rise.



KEY FEATURES & TECHNICAL SPECIFICATION



VIM α55 Edition Specification		
Version	708 MAX	650 ULTRA
Vehicle Parameters		
Length×width×height (mm)	4820×1930×1480	
Wheelbase (mm)	2900	
Drive Mode	Two Wheel Drive	Four Wheel Drive
0-100km/h Acceleration Time	6.8s	3.7s
Drag coefficient (Cd)	0.1925	
High-strength Lightweight Steel-aluminum Hybrid Body	•	•
Performance and Handling		
Three Electrical Systems		
maximum speed	180	
Motor Type	Permanent Magnet Synchronization	Front Permanent Magnet Synchronous/rear AC Asynchronous
Peak Power (kW)	200	390
Peak Torque (N·m)	360	690
Electronic Shifting System	Arm type	
Mileage Under Working Condition Method (km)	708	650
Battery	"Intelligent Thermostatic Battery Pack (IP68 dustproof and waterproof)"	
2.6C supercharged battery pack	•	•
800V silicon carbide supercharging platform	•	•
DC fast charging time (30%-80%)	17min	
7kW AC slow charging time (0%-100%)	12.9h	
Series brake energy recovery system	•	•
External power supply (V2V/V2L)	•	•
Active air intake grille	•	•
Chassis		
Electric Power Steering System	•	•
Vehicle Speed Sensing Assist	•	•
EPB Electronic Parking Brake	•	•
AUTOHOLD	•	•
Brake Type	Front/rear Ventilated Disc	
Suspension Type	Front MacPherson Strut/rear Multi-link Independent Suspension	
Sport Aluminum Alloy Wheels	•	•

Low Rolling Resistance Tires	•	•
Michelin Pilot Sport 4 Performance Tires*	0	0
Tire Size	245/45 R19	
Driving Mode	Sport/Comfort/ Personalization	
AI Adaptive Mode	•	•
Slippery Road Mode	•	•
Extreme Energy Saving Mode	•	•
One-Pedal Mode	•	•
Runaway Mode + Ejection Start	–	•
Track Mode*	–	•
Intelligent Driving System		
ACC Full-speed Adaptive Cruise	•	•
LKA Lane Keeping Assist	•	•
TJA Traffic Jam Assist	•	•
ICA Integrated Cruise	•	•
ISA Intelligent Speed Limit Warning	•	•
ISLC Intelligent Speed Limit Control	•	•
LDW Lane Departure Warning	•	•
LCA Lane Change Assist	•	•
DOW Door Opening Anti-collision Warning	•	•
AEB Automatic Emergency Braking	•	•
FCW Forward Collision Warning	•	•
RCW Rear Collision Warning	•	•
RCTA Rear Cross Collision Warning	•	•
RCTB Rear Cross Collision Braking	•	•
LK Emergency Lane Keeping	•	•
TSR Traffic Sign Recognition	•	•
Reminder to Start the Car in Front	•	•
540° Panoramic Image (Transparent Chassis)	•	•
APA Smart Parking (With Front Parking)	•	•
RPA Remote Parking	•	•
Smart Parking at your Fingertips	•	•
Follow the Trail and Reverse	•	•

Intelligent Cockpit System		
Intelligent Vehicle System		
Qualcomm Snapdragon 8155 Automotive Grade Cockpit Chip	•	•
15.6-inch High-definition Touch Central Control Screen	•	•
Programmable Personalized Cockpit	•	•
68-inch Ultra-high-definition Video-capable AR-HUD (Supports Voice Control)	•	•
Full-scenario Intelligent Voice Interaction	•	•
1320W 7.1-Channel 15-Speaker Sound System (with 10-inch Subwoofer)	•	•
simulated Sound Waves	•	•
Volume Adjustment with Speed	•	•
Smart and Convenient		
Car Bluetooth and Wi-Fi	•	•
Carplay*	•	•
Huawei Hi-Car	•	•
Yealink Projection Screen	•	•
Drone Internet	•	•
66W Type-C fast Charging in the Front Row	1	
USB/Type-C Interface	1 in the Front Row/1 in the Back Row	
50W Mobile Phone Wireless Fast Charging	•	•
Mobile Phone Forgotten Reminder Function	•	•
ETC*	0	0
Face Recognition (Camera with Privacy Cover)	•	•
E-CALL Emergency Rescue System	•	•
OTA Upgrade Service	•	•
Mobile App Remote Control	•	•
Car APP		
Asphalt	•	•
Migu Kuaiyou	•	•
Game screencasting	•	•
Lei Shi KTV	•	•
QQ Music	•	•
Himalayas	•	•
IQIYI	•	•
Amap	•	•
BABYFIRST (Child Seat Communication)	•	•

External Equipment		
Oversized Low-e Coated Sunscreen Panoramic Dome Canopy	•	•
Frameless Door	•	•
Electric Door Unlock/E-Release	•	•
Hidden Door Handle	•	•
Hidden Electric Door Handle (With Breathing Light)	•	•
Four-Door One-Touch Electric Windows (With Anti-Pinch)	•	•
Luminous LOGO	•	•
Digital Prism LED Headlights	•	•
Intelligent Interactive Wind Blade Headlights	•	•
Headlight Height Adjustment	•	•
Delayed Turn off of Headlights	•	•
AHB Automatic Switching Between High and Low Beams	•	•
Automatic Headlight Sensor On/Off	•	•
Super-red Ultra-Red Array Taillight	•	•
Situational Light Language Interaction	•	•
Electric Exterior Mirrors with Turn Signals	•	•
Heated Exterior Mirrors	•	•
Electric Folding Exterior Mirrors	•	•
Exterior Mirror Memory	•	•
Exterior Rearview Mirror Automatically Flips Down During Parking	•	•
Electric Tailgate	•	•
Tailgate Sensor Opening	•	•
Rain sensing Boneless Wipers	•	•
Electric Charging Port (With Lighting)	•	•
Charging Port Cover Automatically Opens by Induction	•	•
Internal Equipment		
Microcloud Ultra-fiber Premium Leather-Wrapped Dashboard	•	•
Dual zone 256 Color Aurora Dynamic Interactive Atmosphere Light	•	•
Front Row Side-Pull Sun Visor (With Vanity Mirror)	•	•
Front Row Side-Pull Sun Visor With Vanity Mirror Lighting (Beauty)	•	•
Luggage Compartment Light	•	•

Electronic Door Inner Opening Button Handle	•	•
Non-silver Ion Microfiber Leather Antibacterial Steering Wheel	•	•
Multifunction Steering Wheel	•	•
4-way Adjustment Steering Wheel	•	•
Steering Wheel Heating	•	•
Rear Floodlight Reading Lights	•	•
Rear Center Armrest (With Cup Holder)	•	•
Premium Glossy Brake And Accelerator Pedals	•	•
Comfortable Seat		
Integrated Sports Cloud Velvet Seat	•	•
6-way Power-Adjustable Driver's Seat	•	•
Passenger 4-way Electric Adjustable Seat	•	•
Ventilated Front Seats	•	•
Heated Front Seats	•	•
Front Seat Memory	•	•
Height-adjustable Head Restraints for Rear Seats	•	•
Rear Seat Folding Function (46-divided)	•	•
Isofix Child Seat Interface	•	•
Front Seat Back Cell Phone Pocket	•	•
Air Conditioner		
Dual Temperature Zone Independent Automatic Air Conditioning	•	•
Low Power Consumption Heat Pump Air Conditioning System	•	•
Visualized Intelligent Fragrance System*	0	0
Rear Air Outlet	•	•
Smart Key		
No Sense Start	•	•
keyless Entry	•	•
Remote Key	•	•
Smart Bluetooth Key	•	•
Remote Control Window Opening/Closing/Locking And Automatic Window Raising	•	•
Safety Equipment		
Front Airbag	•	•
Front Side Airbag	•	•

Vehicle-wide Through-type Side Curtain Airbags	•	•
ESP Body Stability System	•	•
HHC Hill Assist Control	•	•
HDC Hill Descent Control	•	•
TPMS Intelligent Tire Pressure Monitoring	•	•
Front/Rear Parking Radar	•	•
Front Double Pre-Tensioned Force-Limited Seat Belts	•	•
Rear Single Pre-tensioned Force-limited Seat Belt	•	•
Front Seat Belt Not Fastened Reminder	•	•
Rear Seat Belt Not Fastened Reminder	•	•
Electronic Child Safety Lock	•	•
Driver Fatigue Monitoring	•	•
Optional Package Description		
Performance Sports Bag*		
Colorful All-aluminum Four-Piston High-Performance Fixed Caliper	•	•
Intelligent Active Lifting Tail	•	•

CAR COLOR VARIATION & INTERIOR



Extreme fox White



Vision White



Nebula Pink



Star Diamond Black



Ice Gray

