2025 Lucid Air Sapphire
Technical Specifications – Europe

Powertrain and Charging

Drivetrain layout	Front drive unit: Permanent-Magnet Electric, single motor Rear drive unit: Permanent-Magnet Electric, twin motor Three-Motor All-Wheel Drive
Transmission	Single-speed (gear ratio 7:1)
Power (total)	1.251 PS/pk/ch/hk (920 kW)
Torque (total)	1.940 Nm
Battery capacity	118 kWh
Platform architecture	900+ V
DC charge power	Up to 300 kW

Performance

Acceleration		
0 – 100 km/h	s	2.0
Top speed	km/h	330

Efficiency

Range, WLTP		
20" front / 21" rear wheels	km	694
Efficiency		
20" front / 21" rear wheels	kWh / 100 km	19.1

Chassis, Suspension, and Tires

Front Suspension	Aluminum-intensive virtual axis double wishbone. High strength steel coil springs, hollow anti roll bar. Optional: Adaptive dampers with independent compression and rebound control at 500Hz (unique calibrations for driving modes).
Rear Suspension	Aluminum-intensive multi-link. High strength steel coil springs and anti roll bar. Optional: Adaptive dampers with independent compression and rebound control at 500Hz (unique calibrations for driving modes).
Steering Type	Electrically-assisted rack and pinion, 13.0:1 on-center ratio, 2.2 turns lock-to-lock (unique calibrations for driving modes).
Brake Rotors and Calipers	Front: 420-mm Ventilated Disc – Carbon Ceramic, 10-Piston Rear: 390-mm Ventilated Disc – Carbon Ceramic, 4-Piston
Brake System	4-wheel anti-lock braking system (ABS) with Electronic Brake Force Distribution, Traction Control, Stability Control, Torque Vectoring By Braking. Electrically-assisted brake booster (hydraulically-linked, not brake-by-wire). One calibration for Smooth mode, one shared calibration for Swift/Sprint modes). Accelerator pedal-actuated regenerative braking via motors. User-switchable 3 mode Lucid Stability Control (changes ABS, Traction Control, Stability Control, Torque Vectoring By Braking calibrations).
Wheels & Tires	
20/21" wheel (standard)	**Front**: 20" / **Rear**: 21" Michelin Pilot Sport 4S, Summer, Lucid-specific compound and construction **Front:** 265/35ZR20 / **Rear:** 295/30ZR21

Exterior

Wheelbase	mm	2,960
Length	mm	5,005
Width (with/without mirrors)	mm	1,990 /2,196
Height	mm	1,409
Track (front/rear)	in	1,698 / 1,674
Turning circle, curb-to-curb	m	12
Curb weight	Kg	2,420

Interior

Headroom – Aluminum roof (front/rear)	mm	1,006 / 961
Leg room (front/rear)	mm	1,154 / 930
Shoulder room (front/rear)	in	1,481 / 1,385
Passenger volume	L	2,795

Cargo

Cargo room – Frunk	L	283
Cargo room – Trunk	L	627
Total cargo volume (Frunk + Trunk)	L	910