

Lucid Air Touring

Technical Specifications – Europe

Powertrain and Charging

Drivetrain layout	Dual Permanent-Magnet Electric, All-Wheel Drive
Transmission	Single-speed (gear ratio 7:1)
Power (total)	462 kW (629 PS / 620 bhp)
Torque (total)	1.200 Nm (885 lb-ft)
Battery capacity	92 kWh
Platform architecture	700V+
AC charge power (EU)	21 kW
DC charge power	Up to 250 kW

Performance

Acceleration		
0 – 100 km/h*	sec	3,6
Top speed	km/h	225

Power Consumption and Range

		19" wheels	20" wheels	21" wheels
Consumption, combined (WLTP)	Wh/100km	14,1	15,7	15,9-16,0
Range, city (WLTP)	km	865	785	769-773
Range, combined (WLTP)	km	725	660	648-651

* Equipped with 21" wheels on prepared track surface.

Chassis, Suspension, and Tires

Front Suspension	Aluminum-intensive virtual axis double wishbone. High strength steel coil springs, hollow anti roll bar. 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. 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: 380-mm (15-inch) Ventilated Disc, 6-Piston Fixed Rear: 375-mm (14,8-inch) Ventilated Disc, 4-Piston Fixed (rear)
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 and Tires	
19" wheel	Front and Rear: 19 x 8 Pirelli P Zero, All-Season, Lucid-specific compound and construction Front: 245/45R19 / Rear: 245/45R19
20" wheel	Front: 20 x 8,5 / Rear 20 x 9,5 Michelin Pilot Sport, Summer, Lucid-specific compound and construction Front: 245/40R20 / Rear: 265/40R20
21" wheel	Front: 21 x 8,5 / Rear 21 x 9,5 Pirelli P Zero, Summer, Lucid-specific compound and construction Front: 245/35R21 / Rear: 265/35R21

Exterior

Wheelbase	mm	2960
Length	mm	4975
Width (with/without mirrors folded)	mm	1936 / 2196
Height	mm	1409
Track (front / rear)	mm	1663 / 1689
Ground clearance (19" wheels / 21" wheels)	mm	126 / 136
Turning circle, curb-to-curb	m	12
Drag coefficient (19" wheels)	cd	0,197
Curb weight (19" wheels)	kg	2360
Weight distribution (front/rear)	%	50,5 / 49,5

Interior

Headroom (front/rear)	mm	1005 / 973
Leg room (front/rear)	mm	1154 / 930
Shoulder room (front/rear)	mm	1481 / 1385
Passenger volume	L	2794,9

Cargo

Cargo room (Frunk)	L	283,4
Cargo room (Trunk)	L	627
Total cargo volume (Frunk + Trunk)	L	910,4
(Frunk + Trunk + Rear seats folded)	L	1834,9
Roof load max.	kg	74