

# 2024 Lucid Air Grand Touring

## Technical Specifications

### Powertrain and Charging

Drivetrain layout		Dual Permanent-Magnet Electric Motors, All-Wheel Drive
Transmission		Single-speed (gear ratio 7:1)
Power (total)	hp	819
Torque (total)	Nm	1200
Battery capacity	kWh	111 (22 module)
Approx. time to charge 400 km		16 min
Platform architecture		900V+
DC charge power		Up to 300 kW

### Performance<sup>1</sup>

Acceleration <sup>2</sup>		
0 – 100 km/h	sec	3.2
Top Speed	km/h	270

### Efficiency

#### Range, Estimated<sup>3</sup>

19" wheels	km	839
20" wheels	km	792
21" wheels	km	785

#### Efficiency

19" wheels	kWh /100 km	14.9
20" wheels	kWh /100 km	15.9
21" wheels	kWh /100 km	16.0

<sup>1</sup> Extreme speeds should only be achieved on a closed course by experienced and responsible drivers with the full permission of all relevant parties. Lucid does not condone racing or speeding on public roads

<sup>2</sup> Equipped with largest available wheels on prepared track surface.

<sup>3</sup> Range and battery power vary with temperature, driving habits, charging and battery condition and actual results will vary.

## Chassis, Suspension, and Tires

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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	Front: 380-mm (15-inch) Ventilated Disc, 6-Piston Fixed Rear: 375-mm (14.8-inch) Ventilated Disc, 4-Piston Fixed
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).
Tires	
19" wheels	Pirelli P Zero, All-Season, Lucid-specific compound and construction <b>Front:</b> 245/45R19 102Y M+S / <b>Rear:</b> 245/45R19 102Y M+S
20" wheels	Michelin Pilot Sport, Summer, Lucid-specific compound and construction <b>Front:</b> 245/40R20 / <b>Rear:</b> 265/40R20
21" wheels	Pirelli P Zero, Summer, Lucid-specific compound and construction <b>Front:</b> HL245/35R21 99Y / <b>Rear:</b> HL265/35R21 103Y

## Exterior

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Wheelbase	mm	2960.0
Length	mm	4975.3
Width (with/without mirrors)	mm	2195.7 / 1936.2
Height	mm	1408.5
Track (front/rear)	mm	1663.0 / 1689.0
Ground clearance (19" wheels)	mm	125.9
Turning circle, curb-to-curb	m	12.0
Drag coefficient (19" wheels)	cd	0.197
Curb weight (19" wheels)	kg	2,272

## Interior

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Headroom – Aluminum roof (front/rear)	mm	1006.4 / 961.1
Headroom – Glass canopy (front/rear)	mm	1005.5 / 973.3
Leg room (front/rear)	mm	1153.7 / 954.0
Shoulder room (front/rear)	mm	1480.7 / 1385.1
Passenger volume	L	2851.6

## Cargo

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Cargo room - Frunk	L	283.4
Cargo room - Trunk	L	627.0
Total cargo volume (Frunk + Trunk)	L	910.4