

2024 Lucid Air Pure

Technical Specifications

Powertrain and Charging

Drivetrain layout		Single Permanent-Magnet Electric Motor, Rear-Wheel Drive
Transmission		Single-speed (gear ratio 8.7:1)
Power (total)	hp	430
Torque (total)	lb-ft	406
Battery capacity	kWh	88 (16 module)
Approx. time to charge 200 miles		17 min

Performance

Acceleration ¹		
0 - 60 mph	sec	4.5
0 - 100 km/h	sec	4.7
Top Speed	mph	124
	km/h	200

Efficiency

Range, Estimated ²		
19" wheels	mi	410
20" wheels	mi	394
Efficiency		
19" wheels	mi/kWh	4.74
	MPGe	City 140 / Hwy 134 / Comb 137

¹ 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.

² Range and battery power vary with temperature, driving habits, charging and battery condition and actual results will vary.

20" wheels	mi/kWh	4.48
	MPGe	City 134 / Hwy 126 / Comb 130

Chassis, Suspension, and Tires

Front Suspension	Aluminum-intensive virtual axis double wishbone. High strength steel coil springs. 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. 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
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.
Tires	
19" wheel (standard)	Pirelli P Zero, All-Season, Lucid-specific compound and construction Front: 245/45R19 102Y M+S / Rear: 245/45R19 102Y M+S
20" wheel (optional)	Michelin Pilot Sport, Summer, Lucid-specific compound and construction Front: 245/40R20 / Rear: 245/40R20

Exterior

Wheelbase	in	116.5
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Length	in	195.9
Width (with/without mirrors)	in	86.4 / 76.2
Height	in	55.4
Track (front/rear)	in	65.7 / 65.6
Ground clearance (19" wheels)	in	4.9
Turning circle, curb-to-curb	ft	39.4
Drag coefficient (19" wheels)	cd	0.197
Curb weight (19" wheels)	lbs	4,564

Interior

Headroom – Aluminum roof (front/rear)	in	39.6 / 37.8
Leg room (front/rear)	in	45.4 / 37.6
Shoulder room (front/rear)	in	58.3 / 54.5
Passenger volume	cu ft	100.7

Cargo

Cargo room - Frunk	cu ft	10.0
Cargo room - Trunk	cu ft	22.1
Total cargo volume (Frunk + Trunk)	cu ft	32.1