

2024 Lucid Air Pure

Technical Specifications

Powertrain and Charging

| | | |
|-------------------------------|-----|--|
| Drivetrain layout | | Single Permanent-Magnet Electric Motor, Rear-Wheel Drive |
| Transmission | | Single-speed (gear ratio 7:1) |
| Power (total) | hp | 430 |
| Torque (total) | Nm | 550 |
| Battery capacity | kWh | 86 (16 module) |
| Approx. time to charge 400 km | | 20 min |

Performance¹

| | | |
|---------------------------|------|-----|
| Acceleration ² | | |
| 0 – 100 km/h | sec | 4.7 |
| Top Speed | km/h | 200 |

Efficiency

Range, Estimated³

| | | |
|------------|----|-----|
| 19" wheels | km | 710 |
| 20" wheels | km | 673 |

Efficiency

| | | |
|------------|-----------|------|
| 19" wheels | kWh/100km | 13.0 |
| 20" wheels | kWh/100km | 13.7 |

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 Equipped with largest available wheels on prepared track surface.

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

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 |
| 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" 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 | 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 | 2,070 |

Interior

| | | |
|---------------------------------------|----|-----------------|
| Headroom – Aluminum roof (front/rear) | mm | 1006.4 / 961.1 |
| Leg room (front/rear) | mm | 1153.7 / 954.0 |
| Shoulder room (front/rear) | mm | 1480.7 / 1385.1 |
| Passenger volume | L | 2851.6 |

Cargo

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