



Lucid Air Grand Touring Performance (2022-2024) (USA)

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General Info

Years of Production	2022 - 2024
Available in the USA	Yes
Country of Manufacture	USA
Current Status	Discontinued
Body Style	Sedan
Price USA (New/Used)	\$No data/109900

Range and Efficiency

Range EPA	446 mi
Range WLTP	No data
Range GCC	424 mi
Battery (Usable/Nominal)	111/114 kWh
Efficiency (Energy/Range)	26.2 kWh/100 mi
Efficiency (Range/Energy)	3.82 mi/kWh

Charging

Architecture	900 V
Max AC Charging	19.2 kW
Max DC Charging	300 kW (50 kW at 400 V)
Charge Port	CCS Type 1

Performance

Drive Type	AWD 2 motors: PMSM (front), PMSM (rear)
Motor (Power/Torque)	783 kW (1050 hp)/921 lb-ft
Acceleration 0-60 mph	2.7 s
Top Speed	168 mph

Dimensions

Length	195.9 in
Width (with Mirrors/no Mirrors)	86.4/76.2 in
Height	55.4 in
Wheelbase	116.5 in

Cargo and Towing

Number of Seats	5
Curb Weight	5009 lb
Cargo Volume (Trunk/Max/Frunk)	16.1/22.1/10 ft ³
Towing Capacity	No data

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About Lucid Air Grand Touring Performance (2022-2024)

The Lucid Air Grand Touring Performance (2022-2024) is an all-electric all-wheel drive sedan. It came out in 2022 replacing the older Lucid Air Dream Edition Performance (2021-2022). Lucid stopped making the Grand Touring Performance in 2024 and replaced it with the Lucid Air Sapphire (2023-...). You can still find Lucid Air Grand Touring Performance (2022-2024) on the used car market, with prices starting around \$109,900.

The Lucid Air Grand Touring Performance (2022-2024) has a 114 kWh battery pack, allowing it to travel up to 424 mi on a single charge — ranked N°8 out of 820 electric vehicles.

How powerful is it? How fast does it accelerate?

The Lucid Air Grand Touring Performance (2022-2024) is equipped with a powertrain that delivers up to 783 kW (1050 hp) of power and 921 lb-ft of torque.

This enables a 0 to 60 mph acceleration in 2.7 seconds (N°10 out of 116 ranked positions, among 820 electric vehicles, with some cars sharing positions) and a top speed of 168 mph.

How far can it go on single charge? What is the real-world range?

The estimated real-world range for Lucid Air Grand Touring Performance (2022-2024) is 424 miles, ranking it N°8 out of 249 ranked positions. Several conditions can influence this range:

- Speed: The battery drains faster at higher speeds.
- Temperature: Extreme temperatures can impact range.
- Terrain: Range is reduced on hilly or mountainous terrain.
- Driving style: Aggressive driving behaviors, such as frequent acceleration and braking, decrease efficiency.
- Feature utilization: Climate control and media system usage also affect range.

These figures are approximations, and your actual driving range may vary. When planning trips, consider these factors and be prepared for potential charging stops.

For trip planning assistance, utilize the [EV Navigation interactive map](#).

What charging options are available? How long does it take to charge it?

The Lucid Air Grand Touring Performance (2022-2024) in the USA is equipped with a CCS Type 1 charging port. You can charge it conveniently at home using a standard outlet, or utilize any public AC charging station with the appropriate cable. However, the car's built-in charger (inverter) limits the maximum AC

charging speed to 19.2 kW, which translates to roughly 66 miles of range added per hour.

For faster charging, use DC fast-charging stations. The Lucid Air Grand Touring Performance (2022-2024) supports a maximum DC charging rate of 300 kW, but it's important to note that battery temperature and current charge level can affect the actual charging speed you'll experience.

To estimate charging time, rate, and cost, you can use [EV Charging Calculator](#).

How big is it? What are the dimensions (length, width, height)?

Lucid Air Grand Touring Performance (2022-2024) comes in the following dimensions:

- Length: 195.9 in
- Width: 86.4 in (including side mirrors) or 76.2 in (excluding side mirrors)
- Height: 55.4 in
- Wheelbase: 116.5 in (distance between the center of the front and rear wheels)
- Curb weight: 5009 lbs (weight of the empty car, no people or cargo)

How much cargo space does it offer? Does it have a front trunk?

Behind the rear seats of the Lucid Air Grand Touring Performance (2022-2024), you'll find 16.1 cubic feet of storage space ([Nº96 out of 157 ranked positions](#), among 820 electric vehicles, with some cars sharing positions).

Folding down the rear seats expands the total cargo capacity to 22.1 cubic feet ([Nº174 out of 177 ranked positions](#), among 820 electric vehicles, with some cars sharing positions).

Frunk capacity: The front trunk is called a "frunk", and it offers an additional 10 cubic feet for storing small items.

Is it suitable for towing? What is the maximum towing capacity?

The car isn't officially rated for towing.

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