



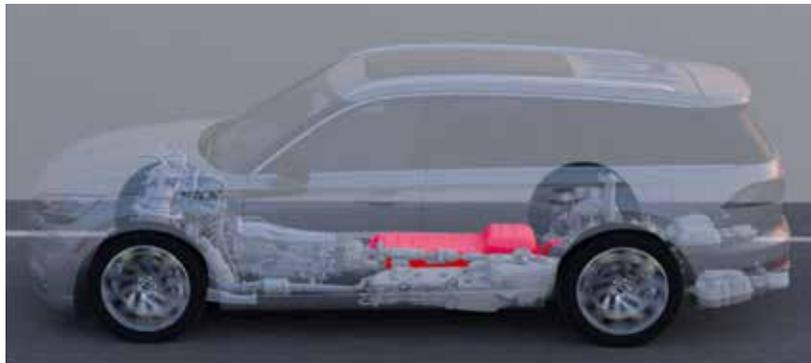
L I N C O L N

# AVIATOR GRAND TOURING:

## LUXURY PERFORMANCE DEFINED

**The Aviator Grand Touring**, features Lincoln's most advanced hybrid technology, merging smooth, gliding power with effortless performance to offer the ultimate in luxury to clients.

By teaming Lincoln's direct injection, twin-turbo 3.0-liter V6 engine to a new, powerful electric motor and a 13.6 kWh battery pack, engineers have been able to deliver a vaunted 494 horsepower and 630 ft.-lbs.-of torque. This power is put to the ground through a new 10-speed SelectShift® automatic transmission.



### PERFORMANCE HIGHLIGHTS:

**System horsepower:**  
**494 @ 5,500 rpm**

**System torque:**  
**630 ft.-lbs. @ 2,250 rpm**

**EPA-estimated total range:**  
**460 miles**



### Battery

The Aviator Grand Touring battery pack, containing 96 lightweight pouch-style cells using a Lithium-ion cell chemistry, is about the size of a conventional gasoline fuel tank and is situated below the passenger compartment. The battery chemistry is designed to provide consistent output over long periods. The batteries have an independent cooling circuit, and are tested from well below freezing to very high temperatures.

- Installed energy: 13.6 kWh

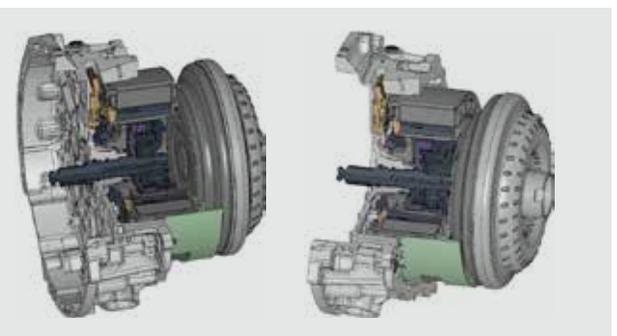
### Charging

An intuitive light ring on the Grand Touring's charge port makes charging effortless. A quick glance at the port conveys the current charge status, shown by the filling ring around the port. A versatile charge cord capable of both Level 1 (120 volts) and faster Level 2 (240 volts) charging will be provided. Owners will get a full charge within three to four hours using 240 volts at a public charging station, home-installed charging station or with a Level 2 (240 volts) charge cord.

### Electric motor

The powerful electric motor in Aviator Grand Touring is designed to complement the output of the twin-turbocharged 3.0-liter V6. Together, the two produce robust performance while maintaining a sanctuary-like, whisper-quiet cabin.

- Type: Internal permanent magnet synchronous
- Maximum output: 75 kW

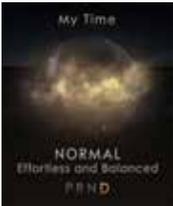




L I N C O L N

# GRAND TOURING DRIVE MODES

Aviator Grand Touring takes a simple, seamless approach to creating the driving experience clients want in any given scenario. In addition to the five standard Drive Modes, two new modes are engineered specifically for the Aviator Grand Touring Hybrid and allow clients to choose when and how to best utilize their electric power. Clients simply select the mode and Aviator takes care of the rest.



**Normal** balances engine and electric motor output. This mode is actively adaptable – when the vehicle detects more aggressive driving, chassis settings are adjusted for a more dynamic feel.



**Conserve** is an efficiency mode; the pedal response is less aggressive, while vehicle performance is tuned to optimize fuel efficiency.



**Excite** is for engaging, on-road driving dynamics, steering feel and powertrain response. Throttle response increases, while the suspension stiffens (or lowers on Aviators equipped with Air Glide Suspension) for handling and control; unique battery cooling systems are optimized for more dynamic driving.



**Slippery** offers maximum stability control and reduces the amount of power going to the wheels with a less aggressive pedal response.



**Deep Conditions** applies an aggressive pedal response and additional engine braking during deceleration and transmission shift schedule modifications; when equipped with the available Air Glide Suspension, this mode raises the vehicle to the maximum ride height.

**Tow/Haul** is a non-selectable mode in which Aviator automatically adjusts parameters for an improved towing experience when a trailer is detected based on suspension sensors and load on the powertrain. The transmission's unique shift schedule and the battery cooling systems are optimized for tow requirements. Available Air Glide Suspension features load-leveling capability.



**Pure EV** is designed to keep the driver in all-electric mode in most conditions; should demand exceed electric capacity, the driver will receive a prompt to allow the gas engine to engage. All systems are set for maximum efficiency and a quiet, all-electric drive experience.



**Preserve EV** recharges and saves battery power for a later time, while continuing to use both the engine and motor to deliver the full performance our clients expect. The battery can be recharged up to about 75 percent state of charge when in this mode.