

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: CE0315B2-0B44-4682-9C5C-ECD0C55F2239

VEHICLE

BRAND: Ford
MODEL: F-150 Lightning SR - 98 kWh

MILEAGE: 49,979 mi
VIN: 1FTVW1EL7PWG40128
DATE AND TIME:
10/24/26, 10:47 AM

EXECUTED BY: 712 Auto Sales

RESULTS

Independent
STATE OF HEALTH (SOH)

97.3 %

ENERGY

95kWh | 98kWh



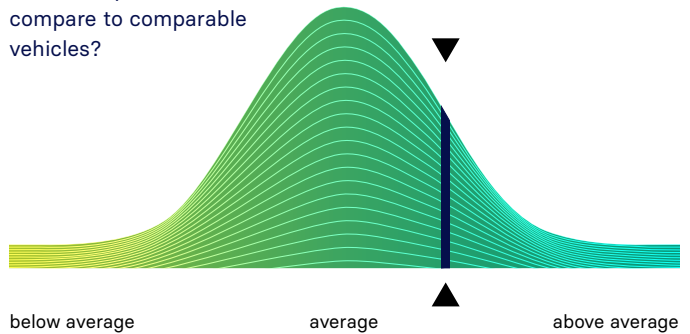
WLTP RANGE

259mi | 267mi

RATING

BENCHMARKING

How does your vehicle
compare to comparable
vehicles?



CHECKS

Battery Management System (BMS)	✓
Battery Sensor	✓
Battery Measurements	✓
Battery Cell Voltages	✓
Vehicle Communication	✓



SCAN FOR DETAILS

EVALUATION

EXCELLENT HEALTH - NO ABNORMALITIES DETECTED

Based on the detailed battery diagnostics performed with the AVILOO FLASH Test, we hereby certify that the drive battery of this vehicle is in excellent condition.

The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO

EXECUTED BY:



ENERGY

	Gross	Net (Nominal)	Usable
Current:	104.7kWh	95.3kWh	91.0kWh
New:	107.6kWh	98.0kWh	93.6kWh

RANGE

	WLTP	Typical
Current:	259mi	171mi
New:	267mi	176mi

EXECUTION PROTOCOL

AVILOO Box connected. 10:47:43

FLASH Test started.	✓
Vehicle detected.	✓
Data acquisition started.	✓
Data acquisition completed.	✓
Data analysis started.	✓
Data analysis completed.	✓

SENSORS

Voltage Sensor	✓
Current Sensor	✓
Temperature Sensors	✓
Cell Voltage Sensors	✓

BMS

	Value	Status
BMS State of Charge (SoC)*:	100%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	100%	
SoH calculation accuracy:		✓

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	60.8F	64.4F	3.6F	✓
Cell Voltage	4.074V	4.080V	5mV	✓
Pack Voltage	366.7V			
Average Current	-6.5A			

*The values shown here were read directly from the vehicle's battery management system (BMS) and are calculated and provided by the vehicle manufacturer. The State of Health (SoH) displayed corresponds to the value reported by the BMS and is CARA-certified.

DISCLAIMER: The test result includes the currently calculated state of health (SoH) of the drive battery. The determination is based on data provided by the vehicle. These are evaluated by AVILOO's algorithms using statistical and analytical models. Manipulation of the data in the control unit leads to an incorrect result. The indicated SoH has a technically induced fluctuation range (deviation) of no more than 3% in at least 95% of reference measurements. It should be noted that this tolerance applies to the SoH determination at the cell level and not to the SoH of the entire battery. This is because the state of charge of individual cells may vary, which can negatively affect the current SoH of the battery. However, this can be compensated by the Battery Management System (BMS) or during a calibration. The result reflects the condition of the battery at the time of the test. No conclusions can be drawn about the future state of health of the battery from this. Statements about mechanical damage or external influences are not part of this diagnosis.