

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 2F201CC2-6312-4E35-AC0E-4C39C6A7C377

VEHICLE

BRAND: Tesla
MODEL: Model 3 - 77,8 kWh

MILEAGE: 98,486 km
VIN: 5YJ3E7EBXKF446419
DATE AND TIME:
05.11.2025, 13:07:41

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

93.2 %

ENERGY

69kWh | 74kWh



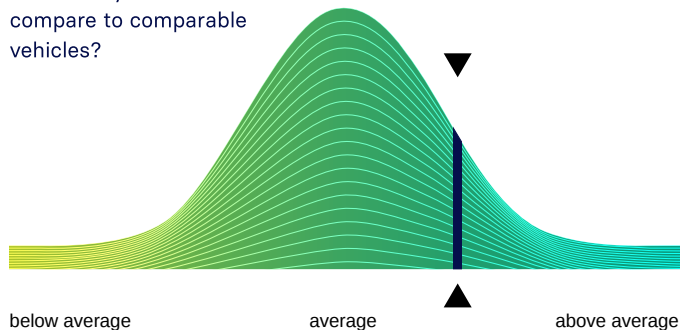
WLTP RANGE

559km | 600km

RATING

BENCHMARKING

How does your vehicle compare to comparable vehicles?



CHECKS

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



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



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	13:07:37
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical
Current:	494-559km	390km
New:	530-600km	418km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	72.5kWh	69.2kWh	65.6kWh
New:	77.8kWh	74.3kWh	70.4kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	16.5°C	18.5°C	2.0°C	✓
Cell Voltage	4.092V	4.099V	7mV	✓
Pack Voltage	392.3V			
Average Current	-8.0A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	91%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	88%	
SoH calculation accuracy:		✓

SENSORS

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