

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 2EF396BE-558D-47D6-99C0-B9097266ECB3

VEHICLE

BRAND: Tesla
MODEL: Model 3 - 82,1 kWh

MILEAGE: 89,344 km
VIN: 5YJ3E7EB2MF958050
DATE AND TIME:
12.09.2025, 12:23:04

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

92.5 %

ENERGY

72kWh | 78kWh



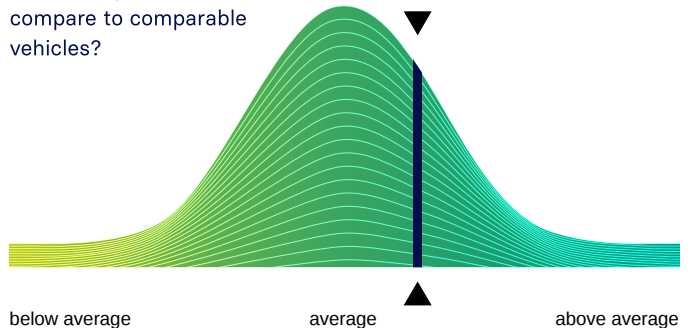
WLTP RANGE

568km | 614km

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.

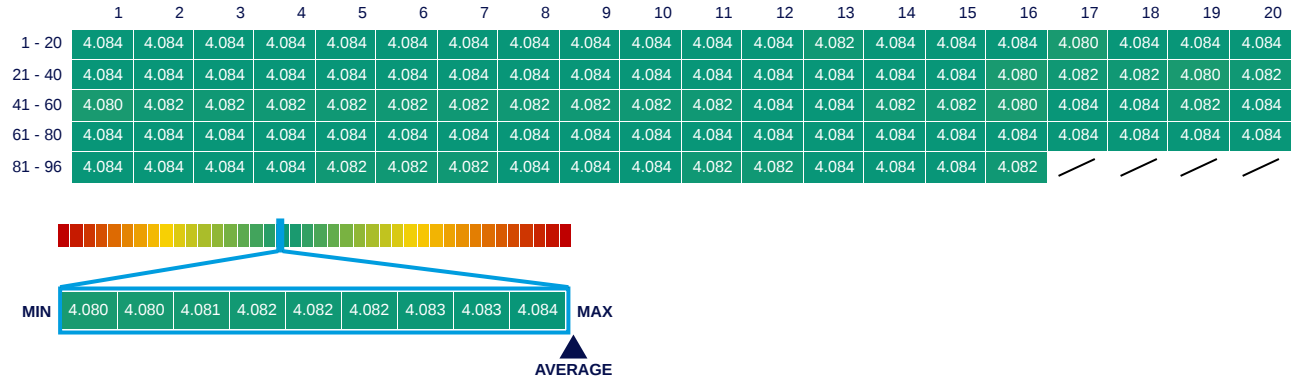
The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	12:23:00
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical
Current:	506-568km	405km
New:	547-614km	438km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	75.9kWh	72.0kWh	67.7kWh
New:	82.1kWh	77.9kWh	73.2kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	18.0°C	18.5°C	0.5°C	✓
Cell Voltage	4.080V	4.084V	4mV	✓
Pack Voltage	391.5V			
Average Current	-1.8A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	81%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	85%	
SoH calculation accuracy:		✓

SENSORS

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