

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: C21C67DF-265B-4CB4-99AE-6D834BE92225

VEHICLE

BRAND: Tesla
MODEL: Model 3 - 52,4 kWh

MILEAGE: 87,665 km
VIN: 5YJ3E7EA2LF771770
DATE AND TIME:
08.12.2025, 09:45:47

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

93.9 %

ENERGY

47kWh | 50kWh



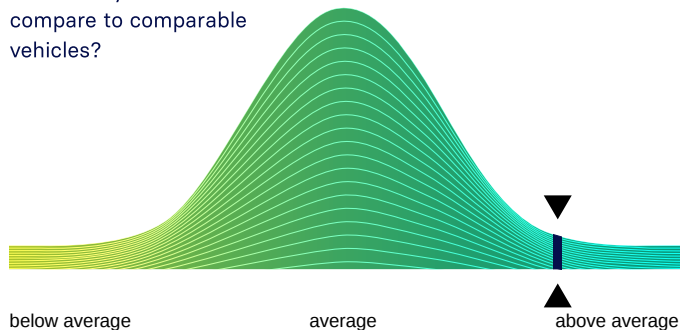
WLTP RANGE

384km | 409km

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.

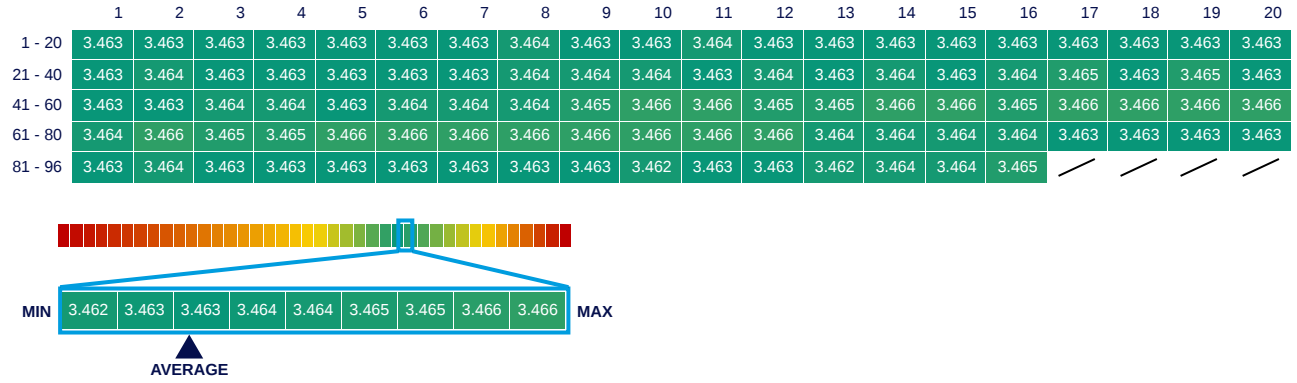
The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	09:45:44
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical	Individual
Current:	384-384km	292km	234km
New:	409-409km	310km	249km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	49.2kWh	47.0kWh	44.9kWh
New:	52.4kWh	50.1kWh	47.8kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	18.0°C	18.5°C	0.5°C	✓
Cell Voltage	3.462V	3.466V	4mV	✓
Pack Voltage	332.1V			
Average Current	-4.2A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	16%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	89%	
SoH calculation accuracy:		✓

SENSORS

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