

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: D233AC42-D762-426C-BD34-815B17DD1908

VEHICLE

BRAND: Tesla
MODEL: Model Y - 78,8 kWh

MILEAGE: 62,016 km
VIN: XP7YGCE51RB432846
DATE AND TIME:
17.12.2025, 08:04:04

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

95.2 %

ENERGY

75kWh | 79kWh



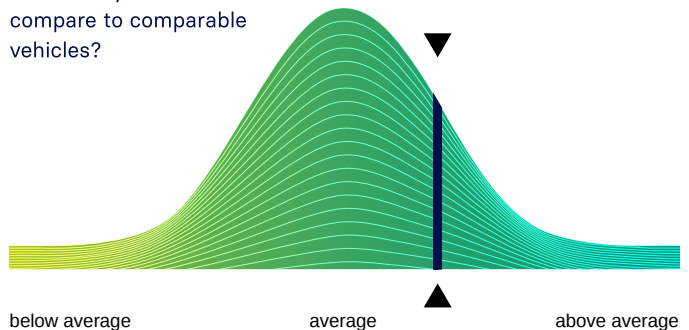
WLTP RANGE

592km | 622km

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.

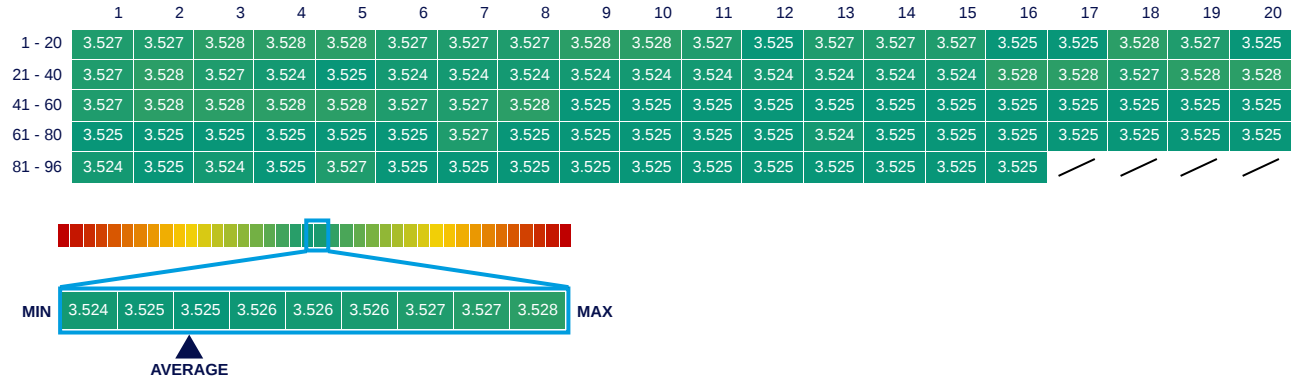
The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	08:04:00
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical	Individual
Current:	490-592km	382km	334km
New:	514-622km	401km	351km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	75.0kWh	75.0kWh	71.7kWh
New:	78.8kWh	78.8kWh	75.3kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	18.5°C	18.5°C	0.0°C	✓
Cell Voltage	3.524V	3.528V	4mV	✓
Pack Voltage	338.4V			
Average Current	-2.6A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	15%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	95%	
SoH calculation accuracy:		✓

SENSORS

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