



# FLASH TEST REPORT

## Execution

State of charge Date Executed by 69.95 % 19/05/2025 08:46:51 Carla AB

Brand Model VIN Mileage

Vehicle

Tesla Model Y - 60,5 kWh LRWYGCFSXPC708318 44,285 km

# **Analysis Result**

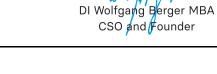
# AVILOO SCORE



High voltage battery usage and history Analysis of charging & driving behavior	<b>64</b> / 70
High voltage battery performance Analysis of cell voltages and module temperatures.	<b>28</b> / 30
<b>High voltage battery control unit</b> Check of signals and calculations of the battery management control unit.	<ul> <li>✓</li> </ul>
<b>Vehicle communication interface</b> Check of communication via the diagnostic interface.	<b>~</b>

Belec

Dr. Marcus Berger CEO and Partner



DI Nikolaus Mayerhofer CTO and Founder





### **EXPLANATION OF THE BATTERY FLASH TEST**

#### **ANALYSIS METHOD**

The analysis performed is a combined result of: The communication quality between the diagnostic hardware AVILOO Box and the on-board diagnostic interface of the vehicle. The live battery data and data that indicates the previous use of the high voltage battery, which is made available to the AVILOO Box by the battery management system during the measurement. The plausibility check and classification of the battery condition using the collected values and a comparison with the AVILOO Battery Cloud using Big Data algorithms.

### FLASH TEST EXECUTION PROTOCOL

08:46:47	AVILOO Box	connected.
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- 1 FLASH Test started.
- ~ Vehicle detected.
- ~ Starting data acquisition.
- ~ Finished data acquisition.
- ⁄ Analyzing data.
- Analysis completed.

#### DETAILED RESULTS OF PERFORMED CHECKS

#### Vehicle Information

Measurements High Voltage System			
VIN	LRWYGCFSXPC708318		
Mileage	44,285 km		
Date	19/05/2025 08:46:51		

Battery temperature	20.5 °C
/ Maximum cell temperature deviation	1 °C
Pack voltage	357.96 V
Maximum cell voltage deviation	2 mV
Peak current during check	-11.31 A
State of Health (SoH - read from car manufacturer)*	95.04 %

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