



FLASH TEST REPORT

Execution

State of charge 33.94 % 07/07/2025 13:04:13 Date

Executed by

Carla AB

Brand Model

Vehicle

VIN

Mileage

Tesla Model X 5YJXCCE21HF055068

103,270 km

Analysis Result

AVILOO SCORE



High voltage battery usage and history

Analysis of charging & driving behavior

65 / 70

High voltage battery performance

Analysis of cell voltages and module temperatures.

28 / 30

High voltage battery control unit

Check of signals and calculations of the battery management control unit.



Vehicle communication interface

Check of communication via the diagnostic interface.



Dr. Marcus Berger CEO and Partner

DI Wolfgang Berger MBA CSO and Founder

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

13:04:09 AVILOO Box connected.

- 1 FLASH Test started.
- Starting data acquisition.
- Vehicle detected.
- Finished data acquisition.
- Analyzing data.
- Analysis completed.

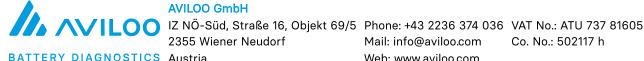
DETAILED RESULTS OF PERFORMED CHECKS

Vehicle Information

Date 07/07/2025 13:04:13 Mileage 103,270 km VIN 5YJXCCE21HF055068

Measurements High Voltage System

Battery temperature 20.33 °C Maximum cell temperature deviation 1.1 °C Pack voltage 348.24 V 10.06 mV Maximum cell voltage deviation Peak current during check -15.64 A





Co. No.: 502117 h