



FLASH TEST REPORT

Execution

State of charge **8.16 %**
Date 14/09/2023 13:22:02
Executed by Carla AB

Vehicle

Brand Tesla
Model Model X
VIN 5YJXCCE2XMF311069
Mileage 74,814 km

Analysis Result

AVILOO SCORE

94
/ 100

High voltage battery usage and history
Analysis of charging & driving behavior

66 / 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.




DI Wolfgang Berger MBA
Managing director


DI Nikolaus Mayerhofer
Managing director


Dr. Marcus Berger
COO/CFO and Partner



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

- 13:21:59 AVILOO Box connected.
- ✓ Flash Test started.
- ✓ Starting data acquisition.
- ✓ Vehicle detected.
- ✓ Finished data acquisition.
- ✓ Analyzing data.
- ✓ Analysis completed.

DETAILED RESULTS OF PERFORMED CHECKS

Vehicle Information

VIN	5YJXCCE2XMF311069
Date	14/09/2023 13:22:02
Mileage	74,814 km

Measurements High Voltage System

Battery temperature	14.72 °C
Maximum cell temperature deviation	1.53 °C
Pack voltage	326.76 V
Maximum cell voltage deviation	15.62 mV
Peak current during check	-7.46 A

