



FLASH TEST REPORT

Execution

State of charge Date Executed by 13.52 % 02/01/2025 14:58:28 Carla AB

Brand Model VIN Mileage

Vehicle

Tesla Model 3 - 78,8 kWh LRW3E7EB6MC412796 60,884 km

Analysis Result

AVILOO SCORE



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.	~

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

14:58:24	AVILOO Box	connected.
14:58:24 /	AVILUU BOX	connected.

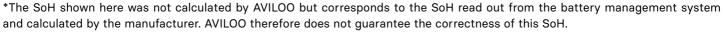
- V FLASH Test started.
- ~ Vehicle detected.
- Starting data acquisition.
- / Finished data acquisition.
- / Analyzing data.
- Analysis completed.

DETAILED RESULTS OF PERFORMED CHECKS

State of Health (SoH - read from car manufacturer)*

Vehicle Information

VIN	LRW3E7EB6MC412796
Date	02/01/2025 14:58:28
Mileage	60,884 km
Measurements High Voltage System	
Battery temperature	17.5 °C
Maximum cell temperature deviation	1 °C
Pack voltage	337.64 V
Maximum cell voltage deviation	6.03 mV
Peak current during check	-5.98 A





AVILOO GmbH IZ NÖ-Süd, Straße 16, Objekt 69/5 Tel: +43 2236 374 036 2355 Wiener Neudorf

Web: www.aviloo.com FN: 502117 h

Mail: info@aviloo.com UID Nr.: ATU 737 81605



93.88 %