



FLASH TEST REPORT

Execution

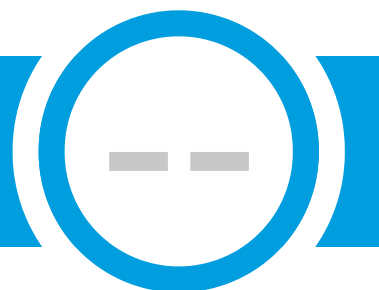
State of charge **86 %**
Date 23/05/2025 13:02:23
Executed by Carla AB

Vehicle

Brand Volkswagen
Model ID4 - 77 kWh
VIN WVGZZZE2ZNE002655
Mileage 50,209 km

Analysis Result

AVILOO SCORE



High voltage battery usage and history

At least one Check could not be performed, therefore the result may be inaccurate. For details, please refer to page 2! - / 70

High voltage battery performance

Analysis of cell voltages and module temperatures.

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High voltage battery control unit

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



Vehicle communication interface

At least one Check could not be performed, therefore the result may be inaccurate. For details, please refer to page 2!



Dr. Marcus Berger
CEO and Partner

DI Wolfgang Berger MBA
CSO and Founder

DI Nikolaus Mayerhofer
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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

- 13:02:19
- AVILOO Box connected.
 - ✓ FLASH Test started.
 - ✓ Vehicle detected.
 - ✓ Starting data acquisition.
 - ✓ Finished data acquisition.
 - ✓ Analyzing data.
 - ✓ Analysis completed.

DETAILED RESULTS OF PERFORMED CHECKS

Vehicle Information

Date	23/05/2025 13:02:23
Mileage	50,209 km
VIN	WVGZZZE2ZNE002655

Measurements High Voltage System

Battery temperature	12.5 °C
Maximum cell temperature deviation	0.63 °C
Pack voltage	386.39 V
Maximum cell voltage deviation	6.1 mV
Peak current during check	-3.64 A

At least one check could not be performed due to missing signals. Contact the manufacturer.

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