



FLASH TEST REPORT

Execution

State of charge Date Executed by 55.4 % 24/01/2025 09:01:37 Carla AB

Brand Model VIN Mileage

Vehicle

Peugeot 208e - 50 kWh VR3UHZKXZNT087158 33,339 km

Analysis Result

AVILOO SCORE



High voltage battery usage and history Analysis of charging & driving behavior	67 / 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.	~

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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

09:01:33	AVILOO Box connected.
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- V FLASH Test started.
- ~ Vehicle detected.
- Starting data acquisition.
- / Finished data acquisition.
- / Analyzing data.
- Analysis completed.

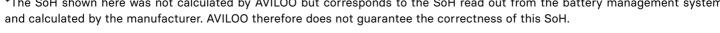
DETAILED RESULTS OF PERFORMED CHECKS

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

Vehicle Information

VIN	VR3UHZKXZNT087158
Date	24/01/2025 09:01:37
Mileage	33,339 km
Measurements High Voltage System	
Battery temperature	5 °C
Maximum cell temperature deviation	2 °C
Pack voltage	405.73 V
Maximum cell voltage deviation	21.02 mV
Peak current during check	-1.58 A

*The SoH shown here was not calculated by AVILOO but corresponds to the SoH read out from the battery management system





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94.88 %