



FLASH TEST REPORT

Execution

State of charge Date Executed by

Vehicle

63.53 % Brand 02/06/2025 08:18:13 Model Carla AB VIN Mileage Peugeot e-2008 - 50 kWh VR3UKZKXZMJ840343 63,942 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

08:18:09 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
 02/06/2025 08:18:13

 Mileage
 63,942 km

 VIN
 VR3UKZKXZMJ840343

Measurements High Voltage System

Battery temperature 24 °C

Maximum cell temperature deviation 2 °C

Pack voltage 409.06 V

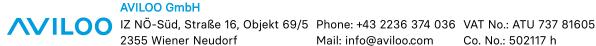
Maximum cell voltage deviation 18 mV

Peak current during check -2.03 A

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

fastcheck.certificate.explanationFooterText





Web: www.aviloo.com

