FLASH TEST REPORT

Execution

State of charge	96.2 %
Date	30/08/2024 11:55:46
Executed by	Carla AB

Vehicle

Brand	Peugeot
Model	e-2008 - 50 kWh
VIN	VR3UKZKXZNJ565301
Mileage	56,903 km

Analysis Result

AVILOO SCORE   91 / 100

High voltage battery usage and history
Analysis of charging & driving behavior — **64** / 70

High voltage battery performance
Analysis of cell voltages and module temperatures. — **27** / 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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DI Wolfgang Berger MBA
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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

11:55:43	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

VIN	VR3UKZKXZNJ565301
Date	30/08/2024 11:55:46
Mileage	56,903 km

Measurements High Voltage System

Battery temperature	22 °C
Maximum cell temperature deviation	2 °C
Pack voltage	438.75 V
Maximum cell voltage deviation	16 mV
Peak current during check	-4.77 A
State of Health (SoH - read from car manufacturer)*	90.12 %

*The SoH shown here was not calculated by AVILOO but corresponds to the SoH read out from the battery management system and calculated by the manufacturer. AVILOO therefore does not guarantee the correctness of this SoH.