



FLASH TEST REPORT

Execution

State of charge 24.2 %
Date 18/11/2024 10:07:29
Executed by AURES Holdings

Vehicle

Brand Opel
Model Corsa-e 50 kWh
VIN VVKUHZKXZN4223972
Mileage 42,029 km

Analysis Result

AVILOO SCORE

94

/ 100

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.



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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

- 10:07:26
- AVILOO Box connected.
- ✓
- FLASH Test started.
- ✓
- Starting data acquisition.
- ✓
- Vehicle detected.
- ✓
- Finished data acquisition.
- ✓
- Analyzing data.
- ✓
- Analysis completed.

DETAILED RESULTS OF PERFORMED CHECKS

Vehicle Information

VIN	VXKUHZKXZN4223972
Date	18/11/2024 10:07:29
Mileage	42,029 km

Measurements High Voltage System

Battery temperature	5 °C
Maximum cell temperature deviation	1 °C
Pack voltage	384.62 V
Maximum cell voltage deviation	11 mV
Peak current during check	-6.81 A
State of Health (SoH - read from car manufacturer)*	92.94 %

*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.

