



# FLASH TEST REPORT

## Execution

State of charge 29 %  
Date 10/06/2025 10:25:09  
Executed by Carla AB

## Vehicle

Brand Audi  
Model A6 e-tron - 100 kWh  
VIN WAUZZZGH0SA003116  
Mileage 9,887 km

## Analysis Result

# AVILOO SCORE

98  
/ 100

### High voltage battery usage and history

Analysis of charging & driving behavior

69 / 70

### High voltage battery performance

Analysis of cell voltages and module temperatures.

29 / 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

10:25:06

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	10/06/2025 10:25:09
Mileage	9,887 km
VIN	WAUZZZGH0SA003116

### Measurements High Voltage System

Battery temperature	16 °C
Maximum cell temperature deviation	1 °C
Pack voltage	646 V
Maximum cell voltage deviation	17 mV
Peak current during check	-2.97 A
State of Health (SoH - read from car manufacturer)*	96.21 %

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