



# FLASH TEST REPORT

## Execution

State of charge 9 %  
Date 09/05/2025 10:47:17  
Executed by Carla AB

## Vehicle

Brand Skoda  
Model Enyaq iV - 77 kWh  
VIN TMBJC7NY8NF041998  
Mileage 62,147 km

## Analysis Result

# AVILOO SCORE

97  
/ 100

### High voltage battery usage and history

Analysis of charging & driving behavior

68 / 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.



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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

- 10:47:13
- 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	09/05/2025 10:47:17
Mileage	62,147 km
VIN	TMBJC7NY8NF041998

### Measurements High Voltage System

Battery temperature	10.12 °C
Maximum cell temperature deviation	1 °C
Pack voltage	331.91 V
Maximum cell voltage deviation	16.11 mV
Peak current during check	-9.59 A
State of Health (SoH - read from car manufacturer)*	97.21 %

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