



## FLASH TEST REPORT

## Execution

State of charge Date Executed by 11.5 % 23/04/2025 09:28:52 Carla AB

Brand Model VIN Mileage

Vehicle

Skoda Enyaq iV - 58 kWh TMBJB7NY1NF063408 6,008 km

## **Analysis Result**

# AVILOO SCORE



High voltage battery usage and history Analysis of charging & driving behavior	<b>68</b> / 70
High voltage battery performance Analysis of cell voltages and module temperatures.	<b>29</b> / 30
<b>High voltage battery control unit</b> Check of signals and calculations of the battery management control unit.	<ul> <li>✓</li> </ul>
<b>Vehicle communication interface</b> Check of communication via the diagnostic interface.	<b>~</b>

Belec

Dr. Marcus Berger CEO and Partner



DI Nikolaus Mayerhofer

DI Nikolaus Mayerhofe 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

09:28:48	AVILOO	Box	connected.
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- 1 FLASH Test started.
- 1 Vehicle detected.
- / Starting data acquisition.
- ~ Finished data acquisition.
- Analyzing data.
- Analysis completed.

#### **DETAILED RESULTS OF PERFORMED CHECKS**

#### Vehicle Information

VIN	TMBJB7NY1NF063408
Date	23/04/2025 09:28:52
Mileage	6,008 km
Measurements High Voltage System	
Battery temperature	14 °C
Maximum cell temperature deviation	0.5 °C
Pack voltage	379.85 V
Maximum cell voltage deviation	9.05 mV
Peak current during check	-6.38 A
State of Health (SoH - read from car manufacturer)*	95.17 %

\*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.



AVILOO GmbH IZ NÖ-Süd, Straße 16, Objekt 69/5 Phone: +43 2236 374 036 VAT No.: ATU 737 81605 2355 Wiener Neudorf

Mail: info@aviloo.com Web: www.aviloo.com

Co. No.: 502117 h

