



FLASH TEST REPORT

Execution

State of charge Date Executed by 67 % 17/03/2025 10:06:33 Carla AB

Vehicle Brand

Model VIN Mileage Hyundai Kona - 64 kWh TMAK381GFNJ050547 48,636 km

Analysis Result

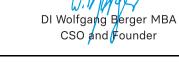
AVILOO SCORE



High voltage battery usage and history Analysis of charging & driving behavior	69 / 70
High voltage battery performance Analysis of cell voltages and module temperatures.	30 / 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.	~

Belec

Dr. Marcus Berger CEO and Partner



DI Nikolaus Mayerhofer CTO and Founder

* * * Approved Battery Health Check



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

10:06:29	AVILOO E	Box connected.
_		

- V FLASH Test started.
- ~ Vehicle detected.
- ~ Starting data acquisition.
- / Finished data acquisition.
- Analyzing data.
- Analysis completed.

DETAILED RESULTS OF PERFORMED CHECKS

Vehicle Information

VIN Date	TMAK381GFNJ050547 17/03/2025 10:06:33
Mileage	48,636 km
Measurements High Voltage System	
Battery temperature	17 °C
Maximum cell temperature deviation	1 °C
Pack voltage	372.7 V
Maximum cell voltage deviation	20 mV
Peak current during check	-3.9 A
State of Health (SoH - read from car manufacturer)*	99.7 %

*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

