



FLASH TEST REPORT

Execution

State of charge Date Executed by

Vehicle

54.5 % 02/12/2023 07:55:45 Carla AB Brand Model VIN Mileage Hyundai Ioniq - 38,3 kWh KMHC851JFLU058393 73,246 km

Analysis Result

AVILOO SCORE



69 / 70

30 / 30

High voltage battery usage and history Analysis of charging & driving behavior

High voltage battery performance
Analysis of cell voltages and module temperatures.

High voltage battery control unit

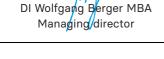
Check of signals and calculations of the battery management control unit.

Vehicle communication interface

Check of communication via the diagnostic interface.

DI Nikolaus Mayerhofer Managing director Dr. Marcus Berger

COO/CFO and Partner







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

07:55:42 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

VIN KMHC851JFLU058393
Date 02/12/2023 07:55:45
Mileage 73,246 km

Measurements High Voltage System

Battery temperature 19 °C

Maximum cell temperature deviation 1 °C

Pack voltage 327.67 V

Maximum cell voltage deviation 0 mV

Peak current during check -10.18 A

State of Health (SoH - read from car manufacturer)* 100 %

*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.



UID Nr.: ATU 737 81605 FN: 502117 h

