

# FLASH TEST REPORT

## Execution

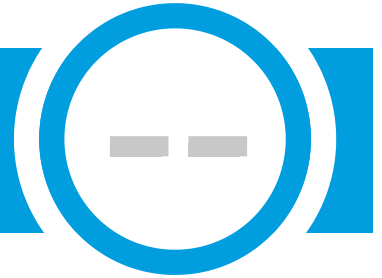
State of charge **23 %**  
Date 30/11/2023 13:57:10  
Executed by Carla AB

## Vehicle

Brand Tesla  
Model Model 3 - 82,1 kWh  
VIN LRW3E7ECXMC420358  
Mileage 94,110 km

## Analysis Result

# AVILOO SCORE



### High voltage battery usage and history

At least one Check could not be performed, therefore the result may be inaccurate.  
For details, please refer to page 2!

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### High voltage battery performance

Analysis of cell voltages and module temperatures.

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### High voltage battery control unit

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




### Vehicle communication interface

At least one Check could not be performed, therefore the result may be inaccurate.  
For details, please refer to page 2!



  
DI Wolfgang Berger MBA  
Managing director

  
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

- 13:57:07 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	LRW3E7ECXMC420358
Date	30/11/2023 13:57:10
Mileage	94,110 km

### Measurements High Voltage System

Battery temperature	14 °C
Maximum cell temperature deviation	1 °C
Pack voltage	340.83 V
Maximum cell voltage deviation	32 mV
Peak current during check	-4.02 A

**At least one check could not be performed due to missing signals. Contact the manufacturer.** --

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\*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.

