INDEPENDENT

BATTERY CERTIFICATE

AVILOO
BATTERY DIAGNOSTICS

CERTIFICATE NUMBER: AAAEE68A-9D44-4AEB-AC2B-420E224E1749

VEHICLE

BRAND: Mercedes-Benz
MODEL: EQE SUV - 90,56 kWh
MILEAGE: 6,296 km
VIN: W1N2946532A032174
DATE AND TIME: 22/02/2026, 22:41:50
EXECUTED BY: Carma

RESULTS

STATE OF HEALTH (SOH)

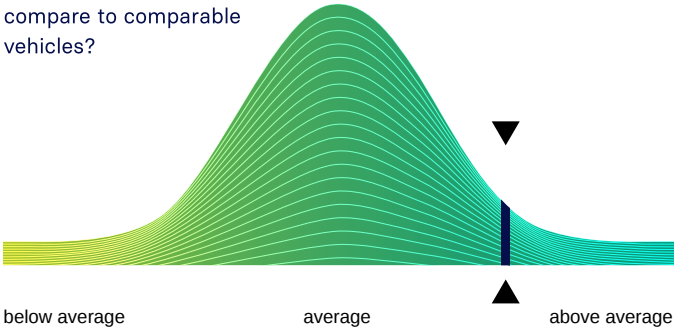
101.2 %

ENERGY 92kWh | 91kWh

WLTP RANGE 600km | 593km

RATING

BENCHMARKING
How does your vehicle compare to comparable vehicles?



CHECKS

- Battery Management System (BMS) ✓
- Battery Sensor ✓
- Battery Measurements ✓
- Battery Cell Voltages ✓
- Vehicle Communication ✓

SCAN FOR DETAILS

EVALUATION

EXCELLENT HEALTH - NO ABNORMALITIES DETECTED

Based on the detailed battery diagnostics performed with the AVILOO FLASH Test, we hereby certify that the drive battery of this vehicle is in excellent condition.

The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO

CARA Approved Battery Health Check

BATTERY IS TESTED AND AVILOO CERTIFIED

AVILOO CERTIFIED

ENERGY

	Gross	Net (Nominal)	Usable
Current:	97.1kWh	91.7kWh	90.0kWh
New:	96.0kWh	90.6kWh	89.0kWh

RANGE

	WLTP	Typical
Current:	413-600km	379km
New:	408-593km	374km

EXECUTION PROTOCOL

AVILOO Box connected. **09:41:46**

- FLASH Test started. ✓
- Starting data acquisition. ✓
- Vehicle detected. ✓
- Finished data acquisition. ✓
- Analyzing data. ✓
- Analysis completed. ✓

SENSORS

Voltage Sensor	✓
Current Sensor	✓
Temperature Sensors	✓
Cell Voltage Sensors	✓

BMS

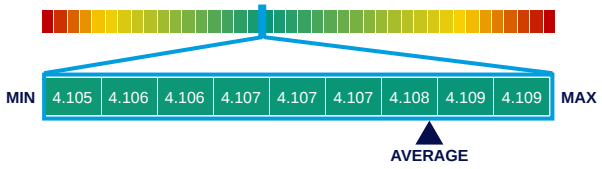
	Value	Status
BMS State of Charge (SoC)*:	97%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	104%	
SoH calculation accuracy:		✓

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	27.0°C	29.0°C	2.0°C	✓
Cell Voltage	4.105V	4.109V	4mV	✓
Pack Voltage	369.7V			
Average Current	-4.6A			

CELL VOLTAGES DIAGRAM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1 - 20	4.107	4.105	4.105	4.105	4.105	4.105	4.105	4.107	4.105	4.105	4.107	4.107	4.105	4.108	4.107	4.107	4.107	4.105	4.108	4.109
21 - 40	4.108	4.109	4.108	4.107	4.108	4.108	4.108	4.108	4.108	4.108	4.108	4.108	4.108	4.108	4.108	4.107	4.105	4.105	4.107	4.107
41 - 60	4.107	4.107	4.108	4.108	4.105	4.108	4.107	4.105	4.105	4.108	4.107	4.107	4.107	4.105	4.108	4.108	4.109	4.109	4.109	4.107
61 - 80	4.108	4.108	4.109	4.108	4.107	4.107	4.109	4.109	4.108	4.108	4.108	4.108	4.105	4.107	4.105	4.107	4.108	4.107	4.107	4.105
81 - 100	4.107	4.107	4.105	4.105	4.107	4.107	4.107	4.107	4.107	4.105	4.108	4.108	4.108	4.108	4.108	4.107	4.108	4.108	4.108	4.108
101 - 120	4.108	4.108	4.108	4.108	4.108	4.108	4.108	4.109	4.109	4.109	4.109	4.109	4.108	4.107	4.107	4.108	4.107	4.108	4.107	4.107
121 - 140	4.105	4.105	4.105	4.108	4.107	4.107	4.108	4.108	4.109	4.108	4.108	4.109	4.109	4.107	4.109	4.109	4.109	4.108	4.109	4.109
141 - 160	4.109	4.108	4.108	4.109	4.107	4.107	4.107	4.105	4.107	4.105	4.107	4.105	4.108	4.107	4.107	4.108	4.107	4.107	4.107	4.108
161 - 180	4.109	4.107	4.108	4.108	4.107	4.108	4.108	4.107	4.108	4.108	4.108	4.108	4.107	4.108	4.108	4.108	4.108	4.108	4.109	4.108



MESSAGES

The calculated SoH is over 100%, which means that your vehicles battery can store more energy than that of an average new vehicle of the same type. For more information, please scan the QR code.

*The values shown here were not calculated by AVILOO but correspond to the values read out from the battery management system (BMS) and were calculated by the manufacturer. AVILOO therefore assumes no liability for their accuracy.

DISCLAIMER: The test result includes the currently calculated state of health (SoH) of the drive battery. The determination is based on data provided by the vehicle. These are evaluated by AVILOOs algorithms using statistical and analytical models. Manipulation of the data in the control unit leads to an incorrect result. The indicated SoH has a technically induced fluctuation range (deviation) of no more than 3% in at least 95% of reference measurements. It should be noted that this tolerance applies to the SoH determination at the cell level and not to the SoH of the entire battery. This is because the state of charge of individual cells may vary, which can negatively affect the current SoH of the battery. However, this can be compensated by the Battery Managament System (BMS) or during a calibration. The result reflects the condition of the battery at the time of the test. No conclusions can be drawn about the future state of health of the battery from this. Statements about mechanical damage or external influences are not part of this diagnosis.

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