

INDEPENDENT

# BATTERY CERTIFICATE



CERTIFICATE NUMBER: 5DB75305-D347-4C65-B6B4-05D6608C5EC1

VEHICLE

BRAND: Audi  
MODEL: e-tron 55 - 95 kWh

MILEAGE: 85,362 km  
VIN: WAUZZZGE4NB020683

EXECUTED BY: Carla AB

DATE AND TIME:  
05.01.2026, 13:22:45

RESULTS

## STATE OF HEALTH (SOH)

95.3 %

ENERGY 82kWh | 86kWh

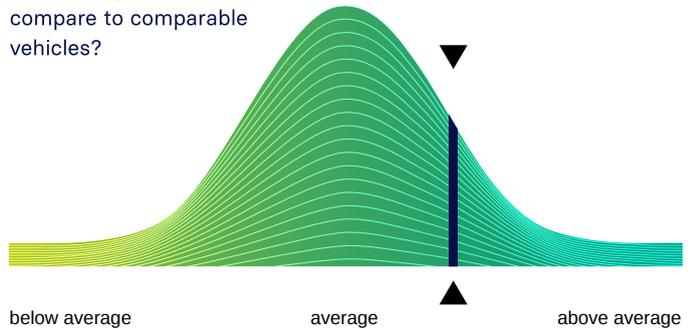


WLTP RANGE 425km | 446km

RATING

## BENCHMARKING

How does your vehicle compare to comparable vehicles?



CHECKS

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



EVALUATION

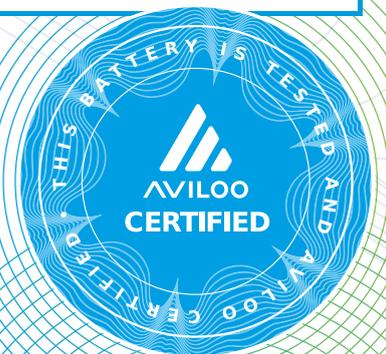
## EXCELLENT HEALTH - NO ABNORMALITIES DETECTED

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



**ENERGY**

	Gross	Net (Nominal)	Usable
Current:	90.6kWh	82.0kWh	79.7kWh
New:	95.0kWh	86.0kWh	83.6kWh

**RANGE**

	WLTP	Typical	Individual
Current:	347-425km	299km	306km
New:	364-446km	313km	321km

**EXECUTION PROTOCOL**

<b>AVILOO Box connected.</b>	<b>13:22:42</b>
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

**SENSORS**

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

**BMS**

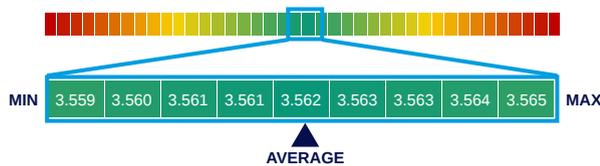
	Value	Status
BMS State of Charge (SoC)*:	19%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	95%	
SoH calculation accuracy:		✓

**MEASUREMENTS**

	Min	Max	Delta	Status
Battery Temperature	6.0°C	6.0°C	0.0°C	✓
Cell Voltage	3.559V	3.565V	6mV	✓
Pack Voltage	384.7V			
Average Current	-3.2A			

**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	3.561	3.560	3.560	3.562	3.561	3.560	3.561	3.562	3.562	3.562	3.562	3.563	3.562	3.562	3.563	3.563	3.562	3.563	3.561	3.561
21 - 40	3.561	3.564	3.562	3.563	3.564	3.563	3.565	3.562	3.562	3.562	3.564	3.563	3.561	3.562	3.563	3.563	3.561	3.561	3.561	3.560
41 - 60	3.561	3.562	3.561	3.561	3.561	3.559	3.560	3.561	3.561	3.560	3.562	3.562	3.562	3.562	3.560	3.559	3.560	3.560	3.561	3.561
61 - 80	3.562	3.561	3.562	3.563	3.564	3.562	3.562	3.563	3.563	3.562	3.562	3.563	3.562	3.561	3.560	3.561	3.561	3.561	3.562	3.561
81 - 100	3.562	3.562	3.561	3.562	3.562	3.561	3.562	3.561	3.561	3.561	3.560	3.560	3.562	3.561	3.562	3.562	3.562	3.562	3.563	3.561
101 - 108	3.560	3.560	3.562	3.561	3.562	3.560	3.562	3.562	/	/	/	/	/	/	/	/	/	/	/	/



\*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 AVILOO's 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 Management 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.