

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: B901C88E-E427-4955-87A6-B3AEC41C03A9

VEHICLE

BRAND: Audi
MODEL: Q4 e-tron - 77 kWh

MILEAGE: 87,652 km
VIN: WAUZZZFZ1PP000787
DATE AND TIME:
13.10.2025, 07:52:24

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

93.8 %

ENERGY

72kWh | 77kWh



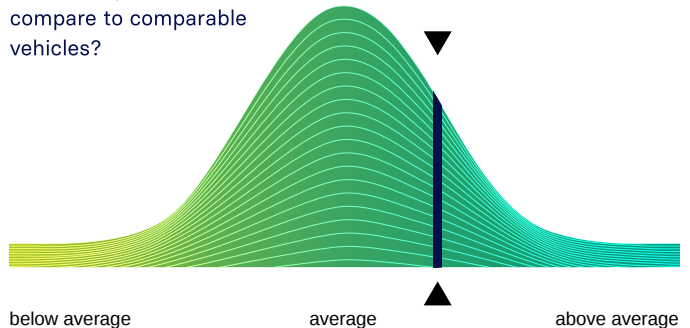
WLTP RANGE

527km | 562km

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.

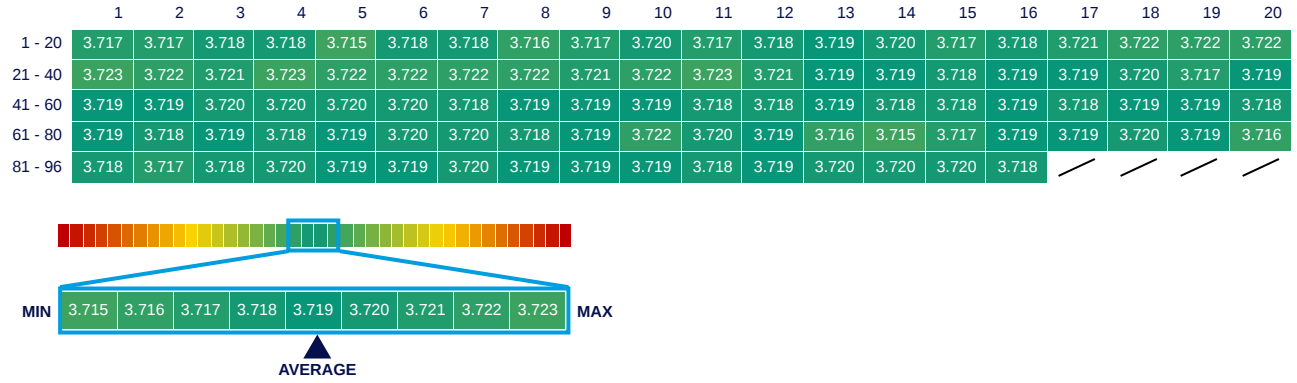
The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	07:52:20
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical	Individual
Current:	386-527km	348km	336km
New:	412-562km	371km	358km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	76.9kWh	72.2kWh	69.4kWh
New:	82.0kWh	77.0kWh	74.0kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	19.5°C	20.0°C	0.5°C	✓
Cell Voltage	3.715V	3.723V	8mV	✓
Pack Voltage	357.0V			
Average Current	-1.9A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	51%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	94%	
SoH calculation accuracy:		✓

SENSORS

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