

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 21385969-862B-47AD-8C15-EDD35B0D3D06

VEHICLE

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

MILEAGE: 27,825 km
VIN: WAUZZZFZ3PP025710
DATE AND TIME:
08.10.2025, 10:55:30

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

97.7 %

ENERGY

75kWh | 77kWh

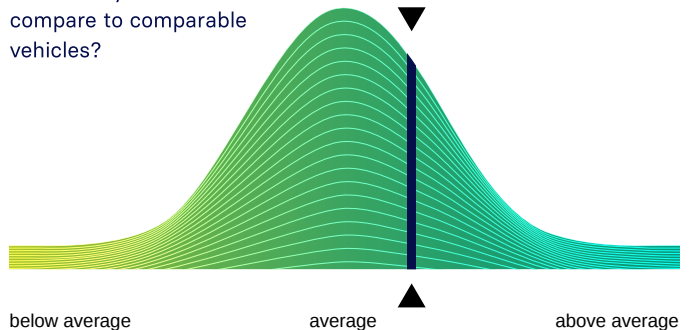
WLTP RANGE

549km | 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.

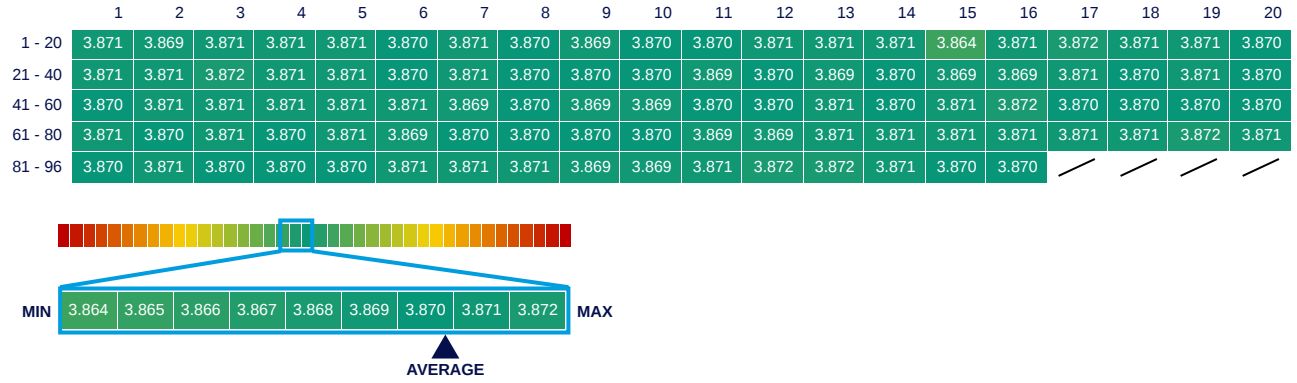
The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	10:55:26
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical	Individual
Current:	403-549km	362km	320km
New:	412-562km	371km	328km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	80.1kWh	75.3kWh	72.3kWh
New:	82.0kWh	77.0kWh	74.0kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	16.9°C	17.4°C	0.5°C	✓
Cell Voltage	3.864V	3.872V	8mV	✓
Pack Voltage	371.5V			
Average Current	-6.2A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	71%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	99%	
SoH calculation accuracy:		✓

SENSORS

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