

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 74AD7BEA-860D-4928-AF3B-A57A5ECF8483

VEHICLE

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

MILEAGE: 65,159 km
VIN: WAUZZZFZ9NP028253
DATE AND TIME:
05.08.2025, 12:37:42

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

94.2 %

ENERGY

73kWh | 77kWh



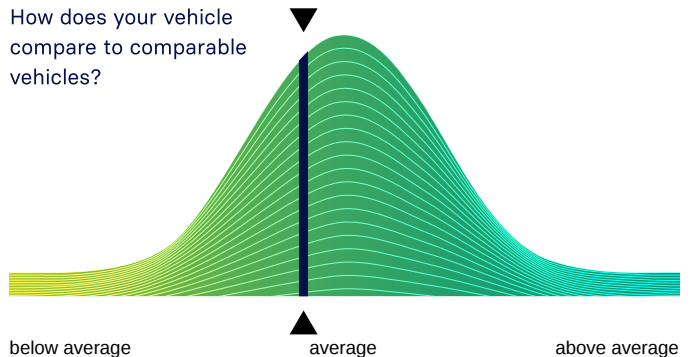
WLTP RANGE

529km | 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

GOOD 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 good condition.

The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	12:37:38
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical	Individual
Current:	388-529km	349km	336km
New:	412-562km	371km	356km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	77.2kWh	72.5kWh	69.7kWh
New:	82.0kWh	77.0kWh	74.0kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	18.3°C	18.8°C	0.5°C	✓
Cell Voltage	4.053V	4.061V	8mV	✓
Pack Voltage	389.6V			
Average Current	-3.9A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	91%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	94%	
SoH calculation accuracy:		✓

SENSORS

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