

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 386948D9-2C2D-46C2-A46C-6A021146050F

VEHICLE

BRAND: Volkswagen
MODEL: ID4 - 77 kWh

MILEAGE: 114,878 km
VIN: WVGZZZE2ZMP052271
DATE AND TIME:
09.09.2025, 15:21:50

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

91.3 %

ENERGY

70kWh | 77kWh



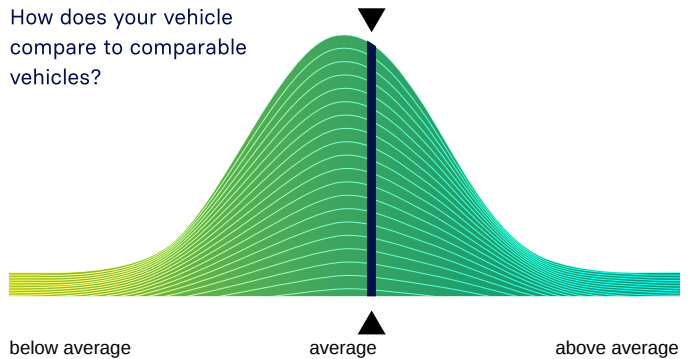
WLTP RANGE

499km | 547km

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.

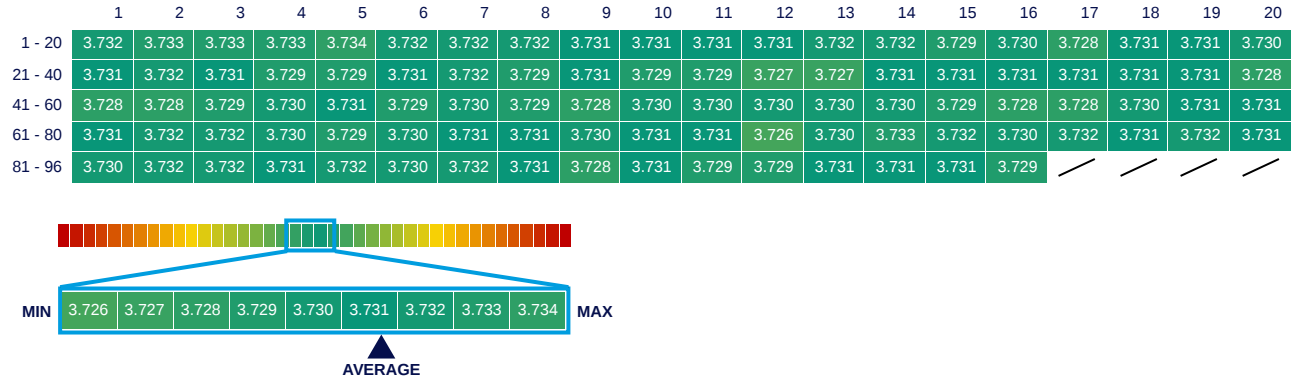
The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	15:21:47
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical	Individual
Current:	421-499km	357km	340km
New:	461-547km	391km	372km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	74.9kWh	70.3kWh	67.6kWh
New:	82.0kWh	77.0kWh	74.0kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	21.1°C	21.9°C	0.8°C	✓
Cell Voltage	3.726V	3.734V	8mV	✓
Pack Voltage	358.1V			
Average Current	-3.9A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	55%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	92%	
SoH calculation accuracy:		✓

SENSORS

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