

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 7A12B87C-AEB6-4F1C-A96D-E7C1B7C8A0DD

VEHICLE

BRAND: Volkswagen
MODEL: ID4 - 77 kWh

MILEAGE: 104,760 km
VIN: WVGZZZE2ZNP016782
DATE AND TIME:
12.09.2025, 14:31:42

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

92.5 %

ENERGY

71kWh | 77kWh



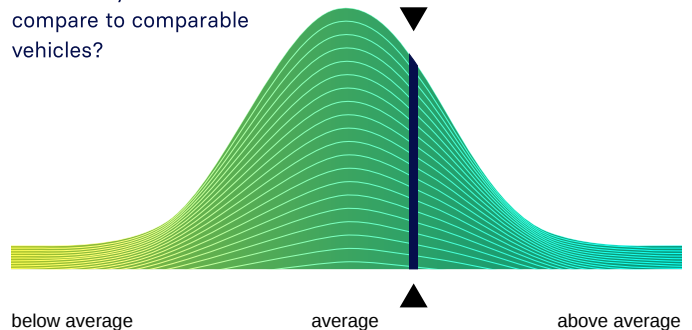
WLTP RANGE

506km | 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

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.	14:31:38
FLASH Test started.	✓
Starting data acquisition.	✓
Vehicle detected.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical	Individual
Current:	426-506km	362km	349km
New:	461-547km	391km	377km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	75.9kWh	71.2kWh	68.5kWh
New:	82.0kWh	77.0kWh	74.0kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	19.4°C	19.8°C	0.4°C	✓
Cell Voltage	4.077V	4.087V	10mV	✓
Pack Voltage	392.1V			
Average Current	-2.9A			

BMS

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

SENSORS

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