

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 88043F08-374C-4D05-9323-DFDFE27D4ED5

VEHICLE

BRAND: Volkswagen
MODEL: e-Golf - 35,8 kWh

MILEAGE: 99,651 km
VIN: WVVZZZAUZK8911659
DATE AND TIME:
08.10.2025, 08:17:42

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

92.7 %

ENERGY

31kWh | 33kWh



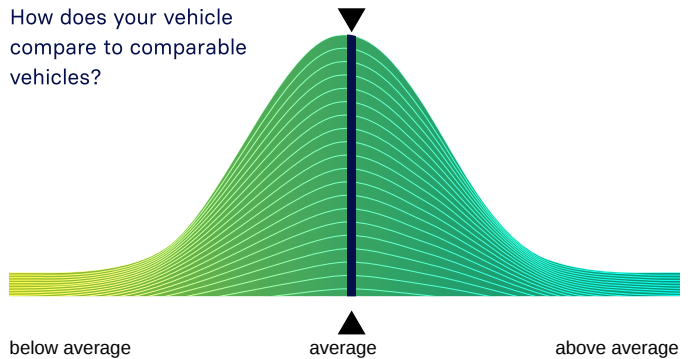
WLTP RANGE

214km | 231km

RATING

BENCHMARKING

How does your vehicle compare to comparable vehicles?



CHECKS

Battery Management System (BMS)	✓
Battery Sensor	✓
Battery Measurements	✓
Battery Cell Voltages	✓
Vehicle Communication	✓



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.

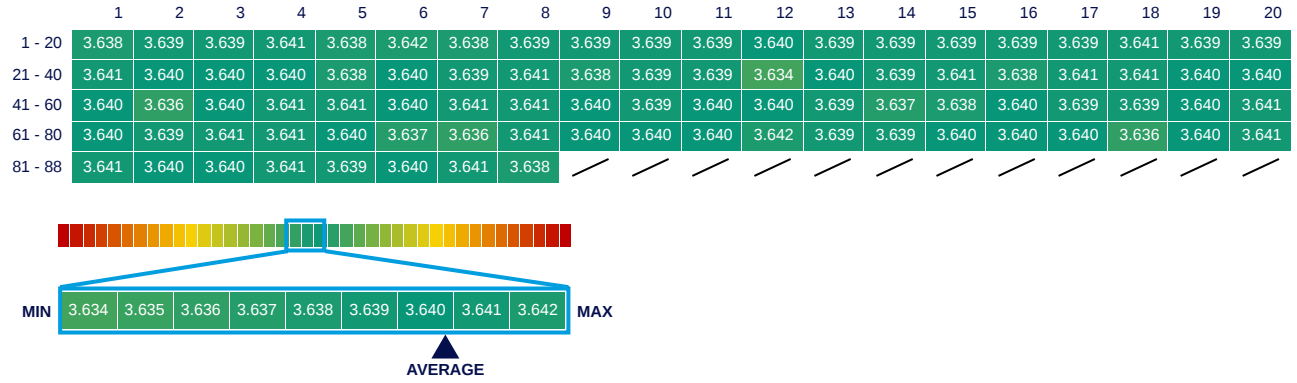
The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.		08:17:38
FLASH Test started.		✓
Vehicle detected.		✓
Starting data acquisition.		✓
Finished data acquisition.		✓
Analyzing data.		✓
Analysis completed.		✓

RANGE

	WLTP	Typical	Individual
Current:	204-214km	157km	169km
New:	220-231km	169km	182km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	33.2kWh	31.0kWh	29.2kWh
New:	35.8kWh	33.4kWh	31.5kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	16.0°C	17.0°C	1.0°C	✓
Cell Voltage	3.634V	3.642V	8mV	✓
Pack Voltage	320.3V			
Average Current	-2.5A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	34%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	91%	
SoH calculation accuracy:		✓

SENSORS

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