

# INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 727769A0-9A4B-48C6-B075-4A22A7DBEA64

## VEHICLE

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

**MILEAGE:** 96,553 km  
**VIN:** WVVZZZAUZL8906123  
**DATE AND TIME:**  
26.09.2025, 17:53:38

**EXECUTED BY:** AAA Auto

## RESULTS

### STATE OF HEALTH (SOH)

# 93.6 %

#### ENERGY

31kWh | 33kWh



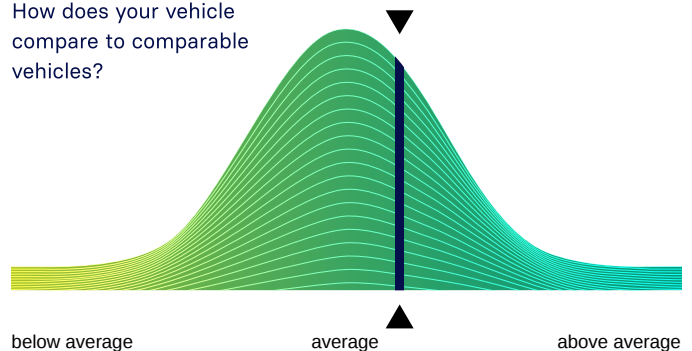
#### WLTP RANGE

216km | 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 ✓



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.

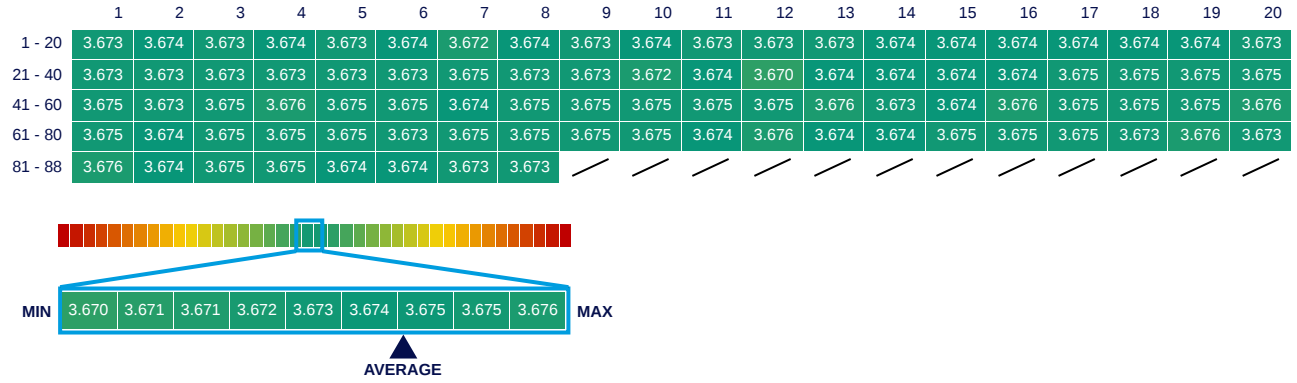
The drive battery is therefore officially AVILOO Certified.

*Marcus Berger*

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	17:53:34
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical	Individual
Current:	206-216km	158km	215km
New:	220-231km	169km	230km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	33.5kWh	31.3kWh	29.5kWh
New:	35.8kWh	33.4kWh	31.5kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	17.5°C	20.0°C	2.5°C	✓
Cell Voltage	3.670V	3.676V	6mV	✓
Pack Voltage	323.3V			
Average Current	-2.0A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	38%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	92%	
SoH calculation accuracy:		✓

SENSORS

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