

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: D81043FC-4A53-4E0A-8B08-41BDE10667A4

VEHICLE

BRAND: Mercedes-Benz
MODEL: EQC 400 - 85 kWh

MILEAGE: 46,787 km
VIN: W1K2938902F032319
DATE AND TIME:
22/02/2026, 23:26:49

EXECUTED BY: Carma

RESULTS

STATE OF HEALTH (SOH)

95.6 %

ENERGY

77kWh | 80kWh



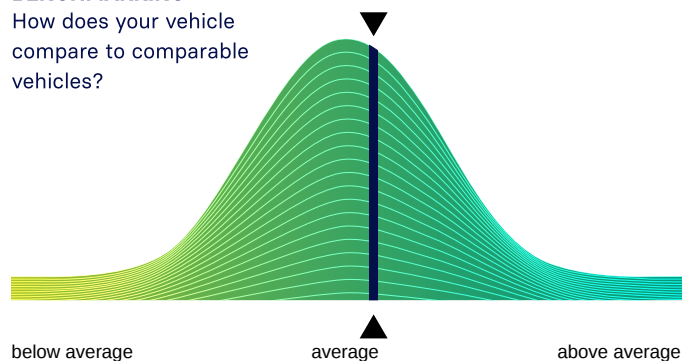
WLTP RANGE

413km | 432km

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

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.

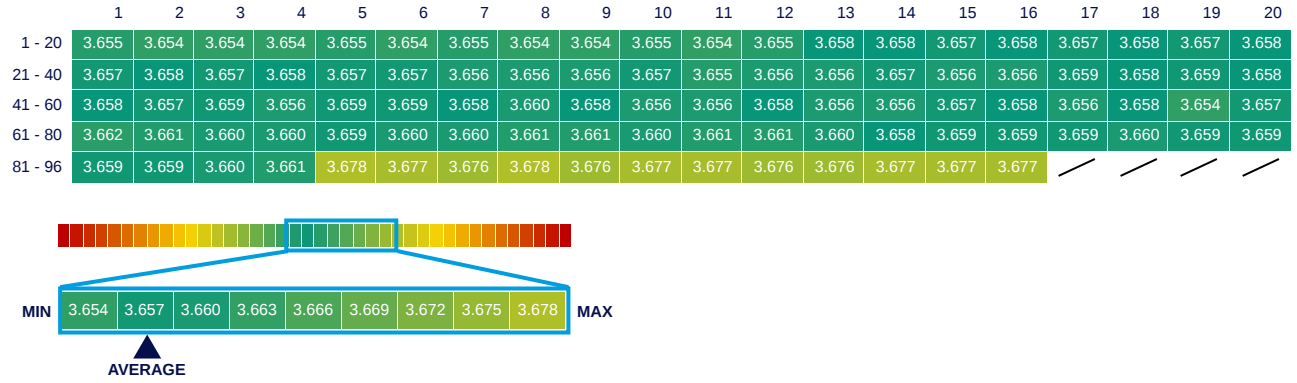
Marcus Berger

Dr. Marcus Berger, CEO



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CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	10:26:45
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical
Current:	357-413km	287km
New:	373-432km	300km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	81.3kWh	76.5kWh	74.6kWh
New:	85.0kWh	80.0kWh	78.0kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	27.0°C	27.0°C	0.0°C	✓
Cell Voltage	3.654V	3.678V	24mV	✓
Pack Voltage	351.4V			
Average Current	-7.5A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	42%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	95%	
SoH calculation accuracy:		✓

SENSORS

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