

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 405F37B3-6799-4C88-A771-15884CCCA08A

VEHICLE

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

MILEAGE: 79,733 km
VIN: W1K2938901F027183
DATE AND TIME:
02.12.2025, 11:40:10

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

97.3 %

ENERGY

78kWh | 80kWh



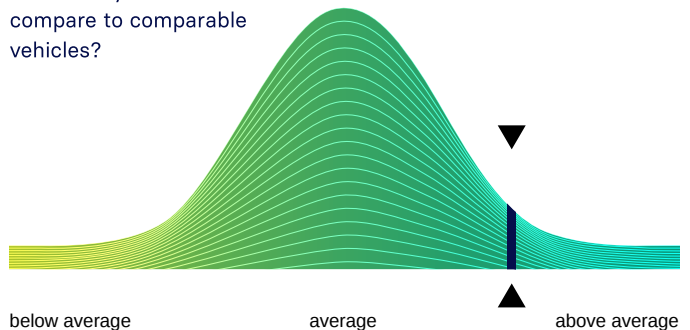
WLTP RANGE

420km | 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 ✓



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.

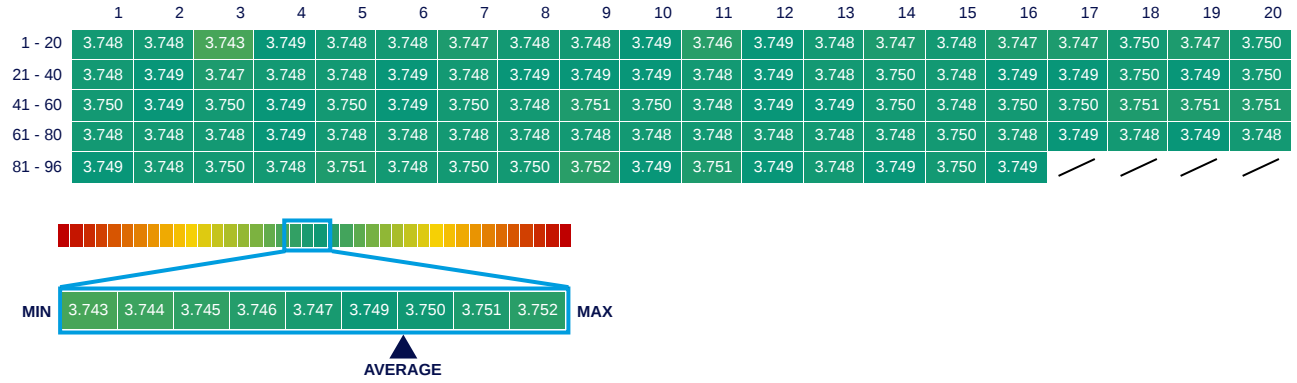
The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	11:40:07
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical
Current:	363-420km	292km
New:	373-432km	300km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	82.7kWh	77.8kWh	75.9kWh
New:	85.0kWh	80.0kWh	78.0kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	6.0°C	7.0°C	1.0°C	✓
Cell Voltage	3.743V	3.752V	10mV	✓
Pack Voltage	359.8V			
Average Current	-4.2A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	53%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	99%	
SoH calculation accuracy:		✓

SENSORS

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