

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 476C8092-129F-4CD2-BAEA-0DFACD9C46DF

VEHICLE

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

MILEAGE: 33,543 mi
VIN: W1K2938902F031282
DATE AND TIME:
18.11.2025, 13:37:42

EXECUTED BY: Henley Cars Ltd t/a
Car360

RESULTS

STATE OF HEALTH (SOH)

97.0 %

ENERGY

78kWh | 80kWh



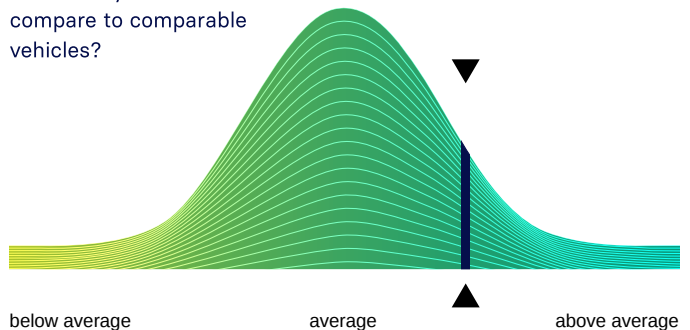
WLTP RANGE

260mi | 268mi

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.

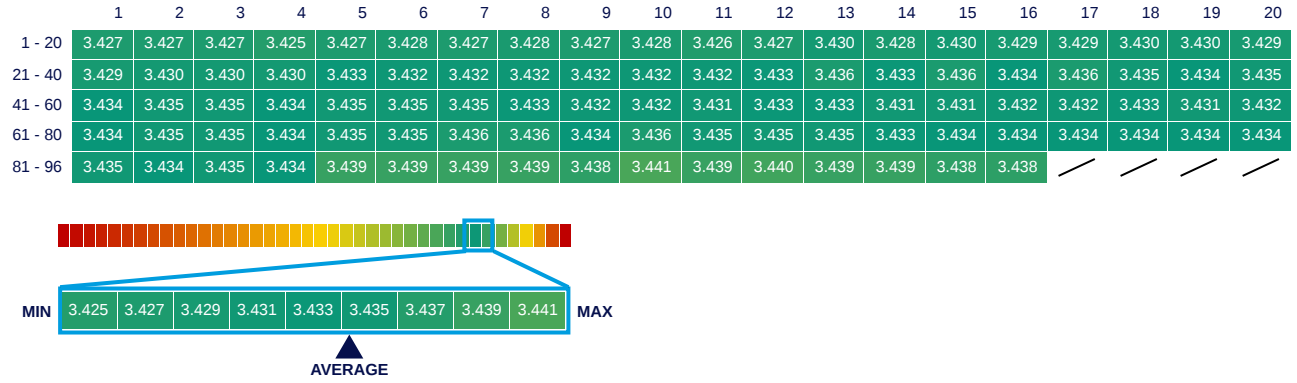
Marcus Berger

Dr. Marcus Berger, CEO



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CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	13:37:38
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical
Current:	362-260mi	181mi
New:	373-268mi	186mi

ENERGY

	Gross	Net (Nominal)	Usable
Current:	82.5kWh	77.6kWh	75.7kWh
New:	85.0kWh	80.0kWh	78.0kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	4.0°C	5.0°C	1.0°C	✓
Cell Voltage	3.425V	3.441V	16mV	✓
Pack Voltage	329.5V			
Average Current	-3.5A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	0%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	98%	
SoH calculation accuracy:		✓

SENSORS

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