

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: 2A62B3AB-6088-4007-ACDB-F49C7D1AAFB8

VEHICLE

BRAND: BMW
MODEL: iX xDrive 40 - 76,6 kWh

MILEAGE: 61,822 km
VIN: WBY11CF08PCL16960
DATE AND TIME:
02.10.2025, 11:08:10

EXECUTED BY: Carla AB

RESULTS

STATE OF HEALTH (SOH)

98.7 %

ENERGY

73kWh | 74kWh



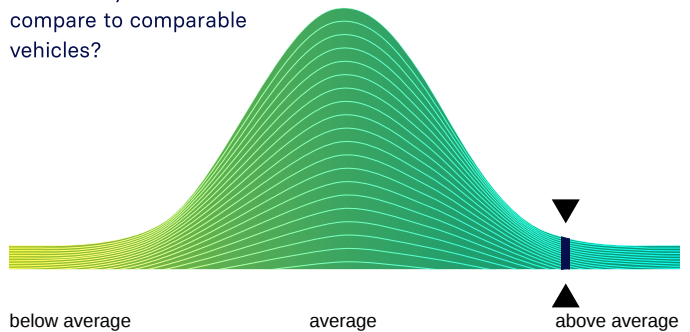
WLTP RANGE

419km | 425km

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.	11:08:06
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical	Individual
Current:	367-419km	300km	273km
New:	372-425km	304km	276km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	75.6kWh	73.1kWh	70.1kWh
New:	76.6kWh	74.1kWh	71.0kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	16.6°C	17.1°C	0.5°C	✓
Cell Voltage	3.538V	3.547V	9mV	✓
Pack Voltage	319.4V			
Average Current	-10.2A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	15%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	101%	
SoH calculation accuracy:		✓

SENSORS

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