

INDEPENDENT

Electric Vehicle Battery Certificate

Certificate issued by



Certificate creation time: 2026-10-13, 09:28

Certificate number: 20261013.59

Vehicle information

Registration number / VIN
THE52B / WBA65GP08SN321037

Brand / Model
BMW X3

Odometer
36530 km

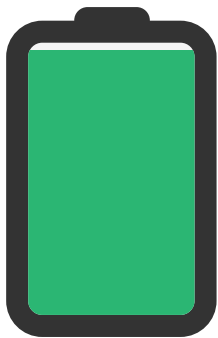
Test results

Date and time of test: 2026-10-13, 08:41

Test performed by:

kvd bil

State of health (SOH)



97 %

Battery capacity

Estimated capacity



Factory new capacity

WLTP range

Estimated WLTP



Factory new WLTP

Diagnostics

	MIN	MAX	DELTA
Battery temperature	14.5°C	15.7°C	1.2°C
Cell voltage	4.079V	4.085V	6mV

Cell voltages

1-24	4.082	4.082	4.083	4.083	4.083	4.083	4.082	4.082	4.082	4.082	4.083	4.082	4.082	4.082	4.082	4.082	4.083	4.082	4.080	4.082	4.082	4.082	4.081
25-48	4.081	4.081	4.080	4.080	4.079	4.080	4.081	4.080	4.082	4.082	4.082	4.081	4.082	4.081	4.081	4.081	4.082	4.081	4.082	4.082	4.082	4.082	4.082
49-72	4.084	4.085	4.084	4.085	4.084	4.084	4.084	4.085	4.085	4.084	4.084	4.084	4.082	4.082	4.081	4.082	4.082	4.081	4.082	4.083	4.082	4.082	4.082
73-78	4.081	4.082	4.081	4.081	4.081	4.083																	

Normal: Cell voltage deviation is within the expected range.

Method and control

Battery assessment is based on diagnostic data retrieved from the vehicle's OEM Battery Management System (BMS) and comparative reference data from similar vehicle models.

Attest

The test was executed according to the OptiLedger SOH procedure with no known technical issues during data acquisition.

Disclaimer

Results represent an estimated assessment of battery condition at the time of testing and do not constitute a warranty or guarantee of battery capacity, performance, or remaining lifetime. The original WLTP range is determined and published by the vehicle manufacturer under standardized laboratory test conditions. The estimated WLTP presented in this report is calculated from diagnostic data and reference parameters and does not represent actual driving range. Real-world range may vary depending on driving conditions, temperature, load, and driving behavior. Full methodology, limitations and liability disclaimer available at: https://optiledger.se/legal/optiledger_battery_test_methodology_and_disclaimer.pdf.