

INDEPENDENT

Certificate issued by



# Electric Vehicle Battery Certificate

Certificate number: 20260618.11  
Certificate creation time: 2026-06-18, 08:27

## Test results

Date and time of test: 2026-06-01, 08:20

Test performed by:

**kvdbil**

### State of health (SOH)



**100 %**

### Battery capacity

Estimated capacity 64.8 kWh  
Factory new capacity 64.8 kWh

### WLTP range

Estimated WLTP 460 km  
Factory new WLTP 460 km

## Vehicle information

Registration number	VIN	Brand / Model	Odometer distance
XFD21M	KNACR811FP5054022	KIA Niro	48900 km
Battery type	Heat pump	Charging port type	
LIPB	Yes	CCS	

### 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](https://optiledger.se/legal/optiledger_battery_test_methodology_and_disclaimer.pdf).