

Battery Health Check



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Assessment ID
169E69FB

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GENERATIONAL⁺

 Test date: **18/04/2026** [13:25]

 Tested by: **Drive Green**

Vehicle information

Make	KIA	Registration	LD21DWJ
Model	NIRO 3 EV	First registered	17/03/2021
VIN	KNACC81GUM5082872	Mileage	53,215

Battery health

Battery capacity **61.6 kWh**

Usable capacity when new.

State of health

Percentage of original capacity currently available.



Cell voltage difference **0 mV**

Measures how evenly the battery's cells are balanced.

Real range

This is the estimated real-world driving range this vehicle is expected to achieve under different conditions, based on its battery health. It is calculated using Generational's own model, derived from real-world driving data.

	Urban driving	Mixed driving	Motorway driving
Summer	258 miles	233 miles	207 miles
Winter	218 miles	200 miles	182 miles

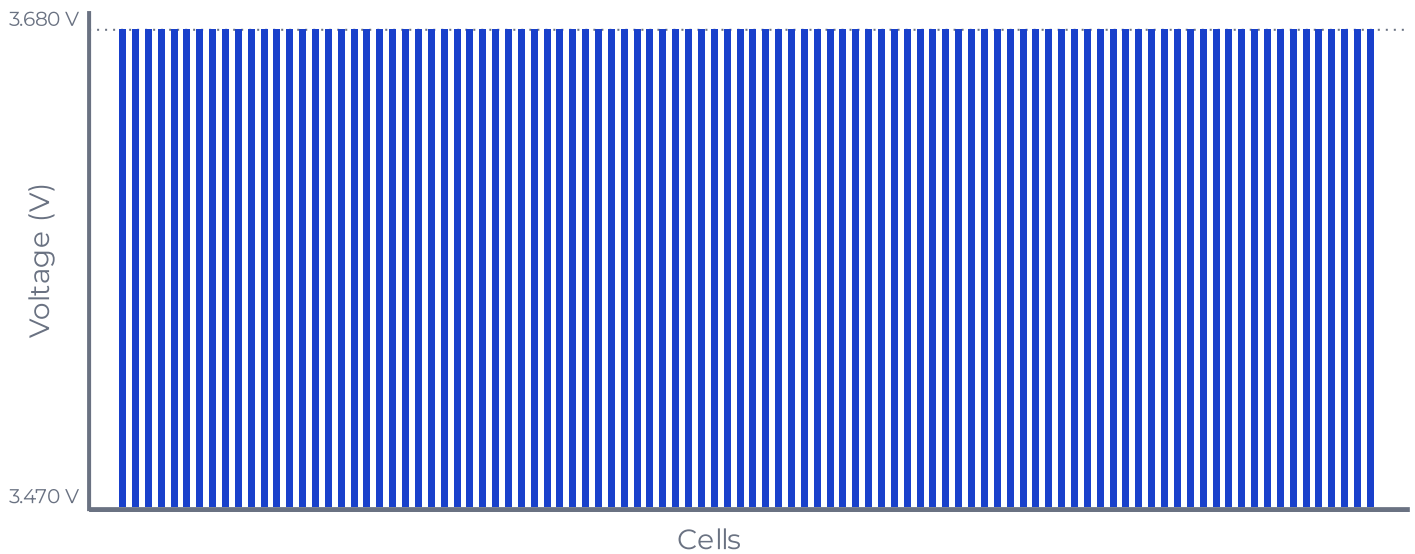
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Software version 2.1.8

Cell voltage balance



Voltage difference between cells

Min voltage: 3.680 V

Max voltage: 3.680 V



Battery pack data

Cell group count **98**

State of charge* **54%**

Pack temperature* **12.0°C**

Pack voltage* **361.9 V**

*As measured at time of test

If the cell voltages are unbalanced, charge the vehicle to full, wait for a minimum of 2 hours and then retest.

About Generational

Generational is an EV battery diagnostics and analytics company headquartered in London.

Our mission is to provide transparency on battery condition and to support the transition to EVs. Generational is backed by the UK government's net zero automotive fund, through the Advanced Propulsion Centre.

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