

Battery Health Check



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Assessment ID
8D1CB96D

Test date: 29/06/2026 [11:41]

Tested by: Drive Green

Vehicle information

Make	KIA	Registration	PG21OPX
Model	NIRO 4 + EV	First registered	25/08/2021
VIN	KNACC81GUM5108975	Mileage	38,705

Battery health

Battery capacity **61.6 kWh | 64.8 kWh**
Capacity when new (usable | nominal).

State of health
Percentage of original capacity currently available.



Cell voltage difference **20 mV**
Measures how evenly the battery's cells are balanced.

Real range

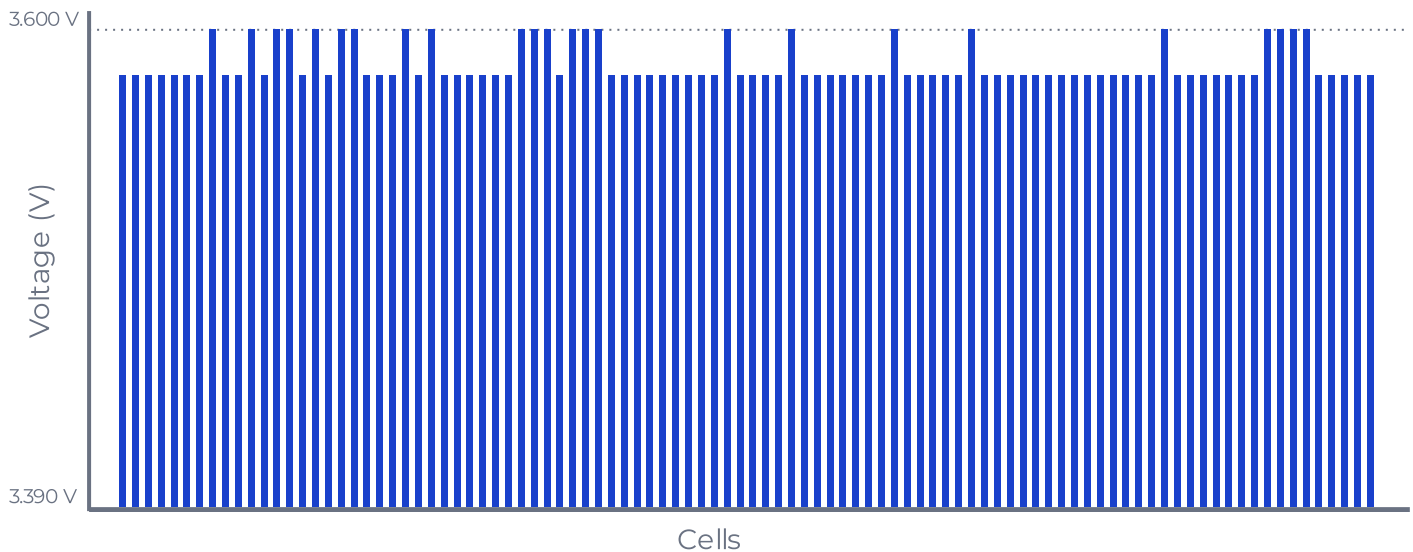
This is the estimated real-world driving range this vehicle is expected to achieve under different conditions, based on its battery health. It is calculated using Generational's own model, derived from real-world driving data.

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

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Cell voltage balance



Voltage difference between cells

Min voltage: **3.580 V**Max voltage: **3.600 V**

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

Battery pack data

Cell group count **98**State of charge* **32%**Pack temperature* **17.0°C**Pack voltage* **352.6 V**

*As measured at time of test

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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Software version 2.2.3