

Battery Health Check

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Assessment ID
04858E70

Test date: **22/08/2026** [13:03]

Tested by: **Drive Green**

Vehicle information

Make	HYUNDAI	Registration	LT23UJL
Model	KONA ULTIMATE EV	First registered	24/05/2023
VIN	KMHK581GUPU174753	Mileage	54,189

Battery health

Battery capacity **64.0 kWh | 67.5 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.

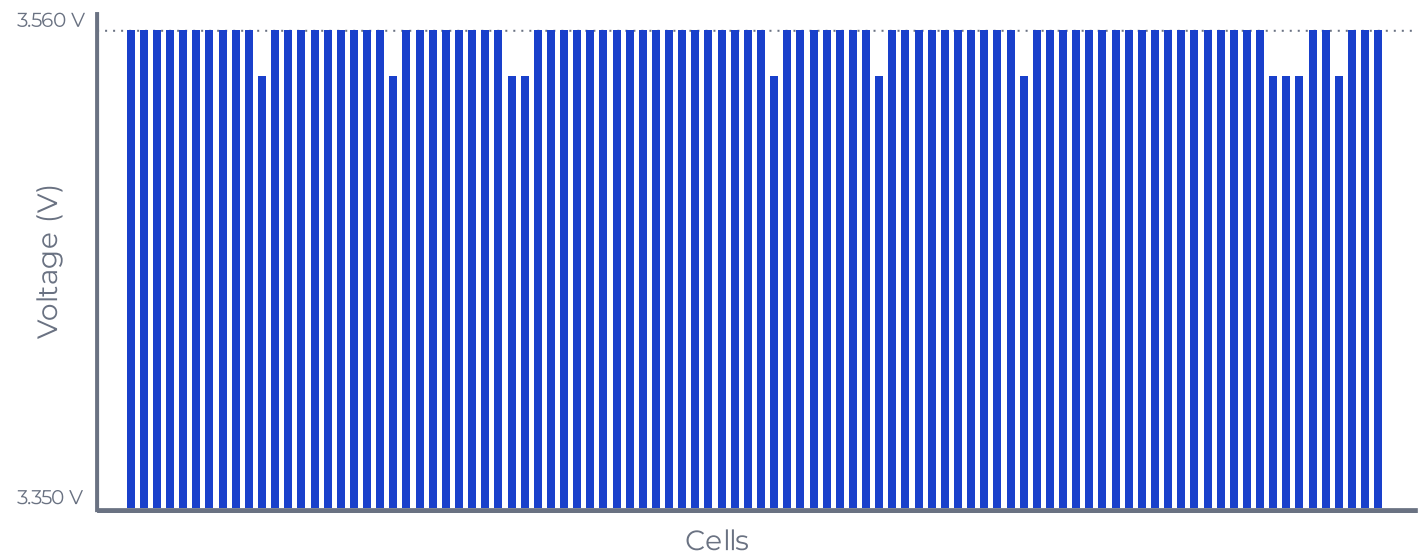
	Urban driving	Mixed driving	Motorway driving
Summer	275 miles	248 miles	221 miles
Winter	230 miles	211 miles	192 miles



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Cell voltage balance



Voltage difference between cells

Min voltage: **3.540 V**

Max voltage: **3.560 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 **96**

State of charge* **30%**

Pack temperature* **15.0°C**

Pack voltage* **348.8 V**

Pack current* **2.8 A**

*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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