

Battery Health Check



[Verify online](#)

Assessment ID
DC3F0090

Test date: 09/07/2026 [11:13]

Tested by: Drive Green

Vehicle information

Make	HYUNDAI	Registration	KS21ZFG
Model	KONA PREMIUM EV	First registered	15/03/2021
VIN	KMHK381GULU115185	Mileage	56,084

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 0 mV
Measures how evenly the battery's cells are balanced.

Manufacturer battery warranty

Warranty info is indicative only based on duration, registration date and mileage. Check manufacturer's specific T&Cs to ensure validity.

Miles	125,000
Duration	8 years
Provider	HYUNDAI
In warranty period	Yes
Remaining duration	2 years, 9 months
Remaining miles	68,916

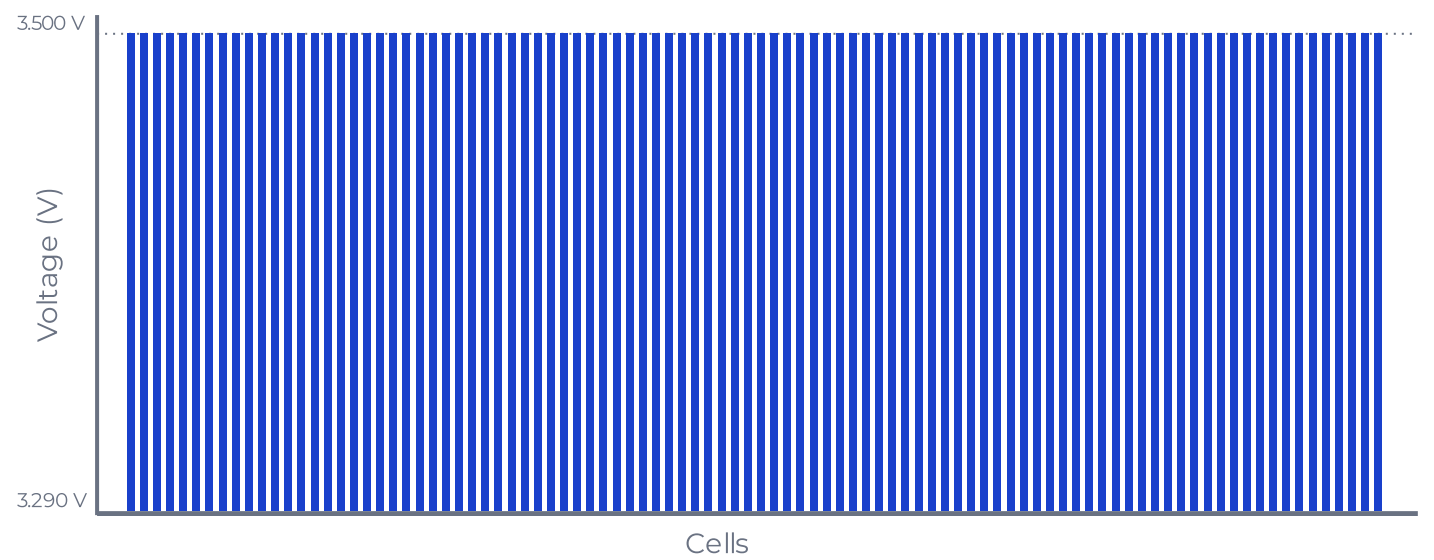
Real range

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	255 miles	230 miles	205 miles
Winter	214 miles	196 miles	179 miles

www.generational.ac

Cell voltage balance



Voltage difference between cells

Min voltage: **3.500 V**

Max voltage: **3.500 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* **21%**

Pack temperature* **24.0°C**

Pack voltage* **344.3 V**

Pack current* **8.4 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.

Registered in England with Company No. 12677491

Registered Address: 7 Bell Yard, London, WC2A 2JR

Email: support@generational.ac

www.generational.ac

This is a point-in-time assessment for information purposes only.

Use of this report is subject to Generational's Terms and Conditions (<https://www.generational.ac/terms-and-conditions/>).

Software version 2.3.1