

Battery Health Check



[Verify online](#)

Assessment ID
7E0FFC14

Test date: 27/07/2026 [13:46]

Tested by: Drive Green

Vehicle information

Make	HYUNDAI	Registration	BF24URM
Model	KONA ADVANCE EV	First registered	01/07/2024
VIN	TMAH881A0RJ034159	Mileage	29,219

Battery health

Battery capacity 65.4 kWh | 68.5 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.

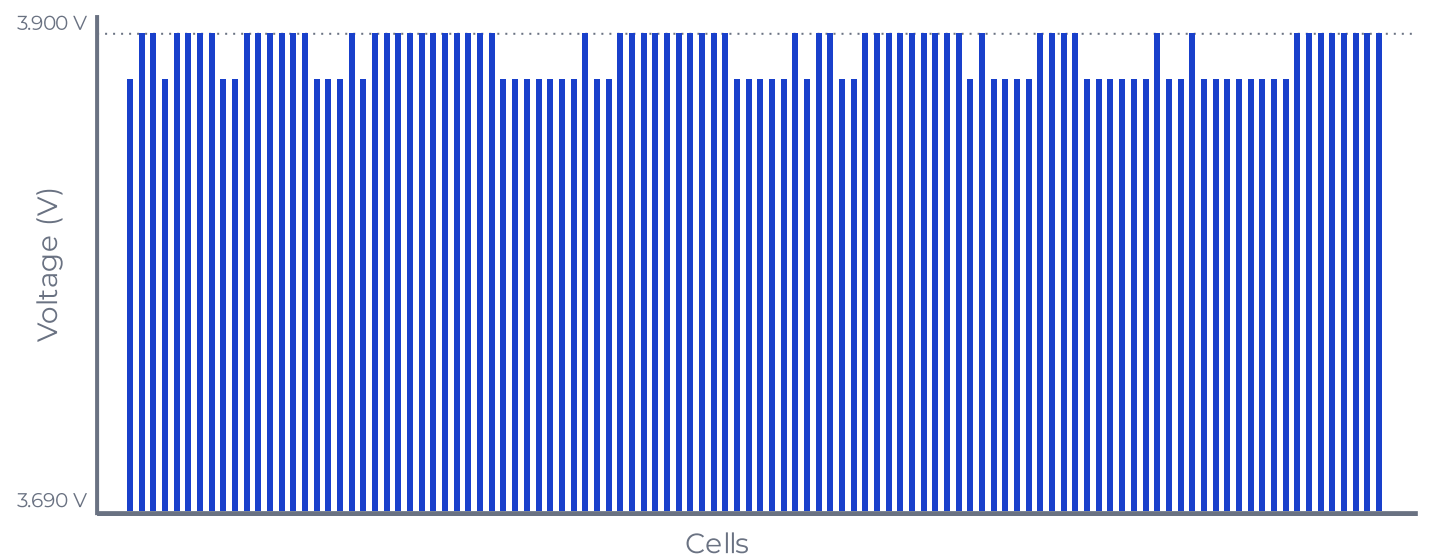
	Urban driving	Mixed driving	Motorway driving
Summer	292 miles	263 miles	235 miles
Winter	245 miles	225 miles	205 miles

www.generational.ac

Test date: 27/07/2026 [13:46]

Tested by: Drive Green

Cell voltage balance



Voltage difference between cells

Min voltage: **3.880 V**
Max voltage: **3.900 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 **108**
State of charge* **64%**
Pack temperature* **24.0°C**
Pack voltage* **421.1 V**
Pack current* **3.2 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