

Battery Health Check



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Assessment ID
2CD44F08

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GENERATIONAL⁺Test date: **09/05/2026** [09:49]Tested by: **Drive Green**

Vehicle information

Make	KIA	Registration	MF22VXB
Model	SOUL MAXX EV	First registered	05/04/2022
VIN	KNAJ3811UN7027340	Mileage	69,465

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.

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	256 miles	231 miles	206 miles
Winter	217 miles	199 miles	181 miles

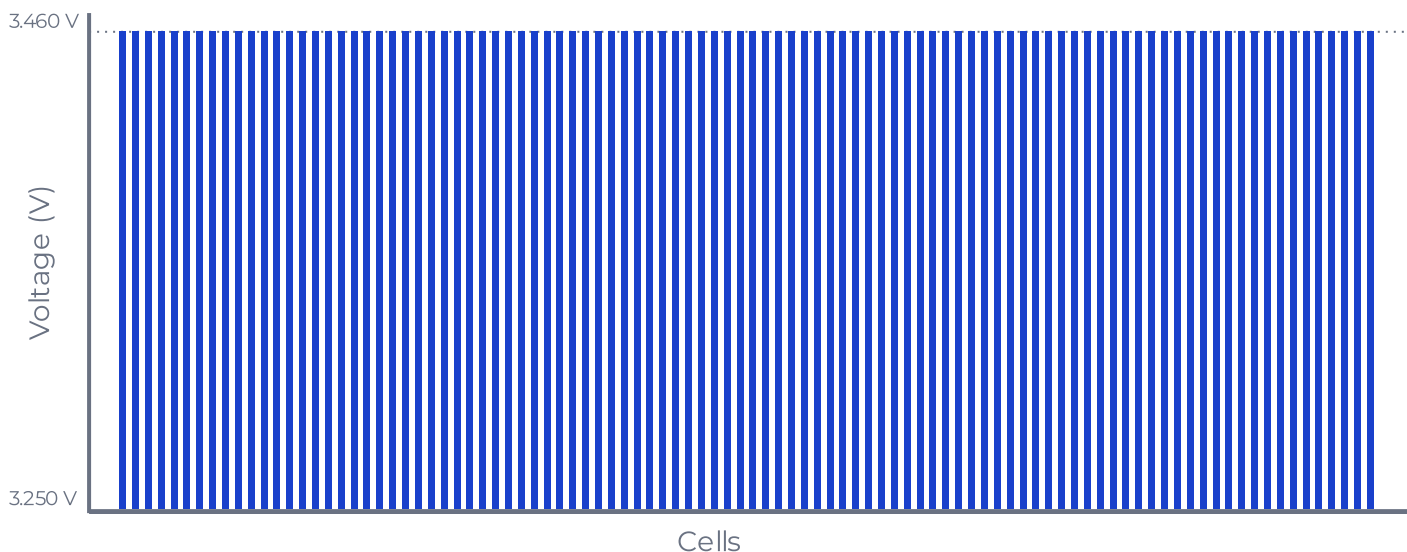
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Cell voltage balance



Voltage difference between cells

Min voltage: **3.460 V**

Max voltage: **3.460 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* **14%**

Pack temperature* **12.0°C**

Pack voltage* **340.5 V**

Pack current* **4.9 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

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