

# Battery Health Check

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Assessment ID  
7D2DA078

Test date: 26/09/2026 [09:44]

Tested by: Drive Green

## Vehicle information

|       |                       |                  |            |
|-------|-----------------------|------------------|------------|
| Make  | KIA                   | Registration     | GY70WSV    |
| Model | SOUL FIRST EDITION EV | First registered | 10/11/2020 |
| VIN   | KNAJ3811UM7013920     | Mileage          | 25,666     |

## 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.

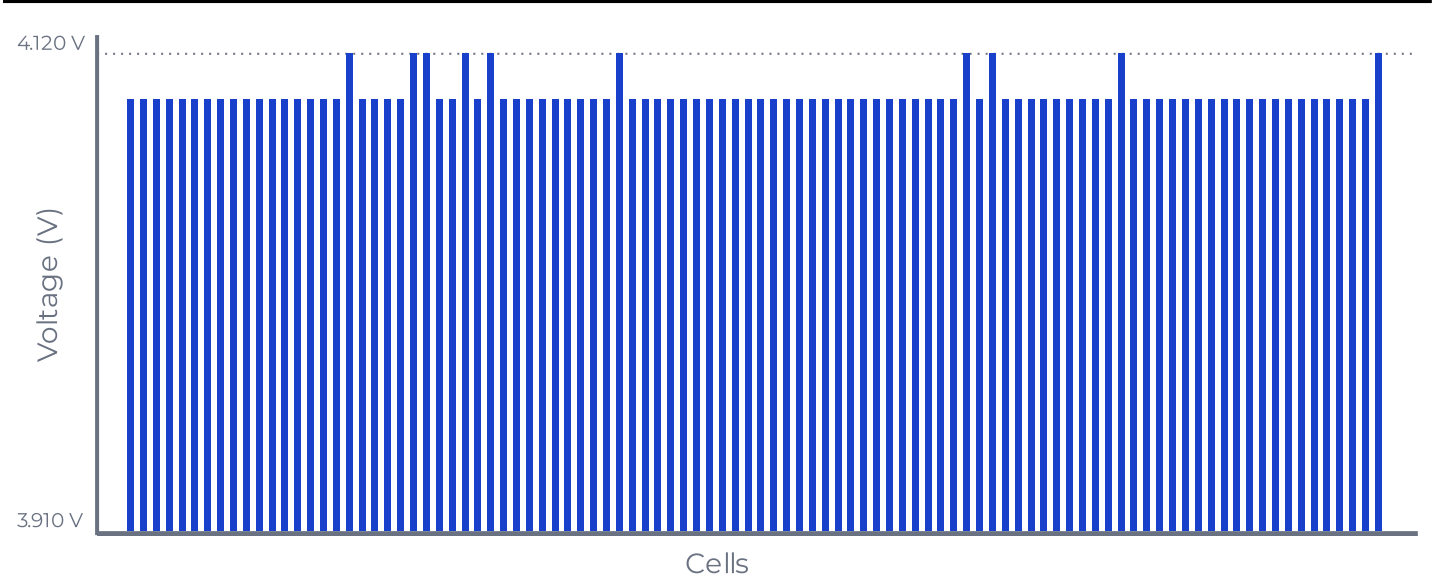
|        | Urban driving | Mixed driving | Motorway driving |
|--------|---------------|---------------|------------------|
| Summer | 256 miles     | 231 miles     | 206 miles        |
| Winter | 216 miles     | 199 miles     | 181 miles        |



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## Cell voltage balance



### Voltage difference between cells

Min voltage: **4.100 V**

Max voltage: **4.120 V**



### Battery pack data

Cell group count **98**

State of charge\* **94%**

Pack temperature\* **14.0°C**

Pack voltage\* **403.5 V**

\*As measured at time of test

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

## 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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