Diagnostics report

# Battery Health Check

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Assessment ID
B3A8476E

Test date: **03/11/2026** [15:51]

Tested by: **Drive Green**

## Vehicle information

| | | | |
|---|---|---|---|
| Make | **HYUNDAI** | Registration | **CE71JLO** |
| Model | **KONA ULTIMATE EV** | First registered | **04/11/2021** |
| VIN | **KMHK581GUMU131349** | Mileage | **56,527** |

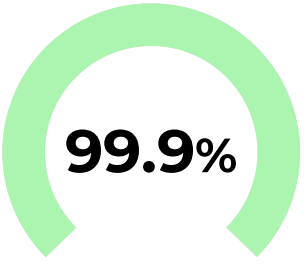
## Battery health

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.

## 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 | **100,000** |
| Duration | **8 years** |
| Provider | **HYUNDAI** |
| In warranty period | **Yes** |
| Remaining duration | **3 years, 1 month** |
| Remaining miles | **43,473** |

## 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 | **274 miles** | **247 miles** | **220 miles** |
| Winter | **230 miles** | **211 miles** | **192 miles** |

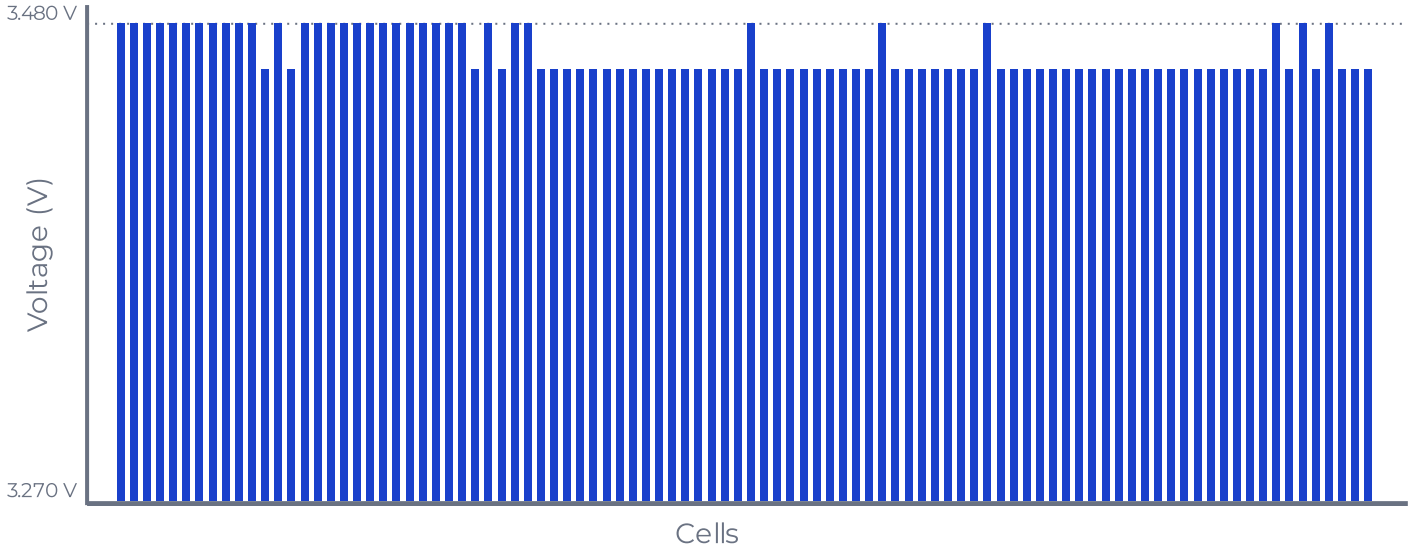
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## Cell voltage balance




### Voltage difference between cells

| | |
|---|---|
| Min voltage: | **3.460 V** |
| Max voltage: | **3.480 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* | **18%** |
| Pack temperature* | **9.0 °C** |
| Pack voltage* | **341.0 V** |
| Pack current* | **8.5 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

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